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ORDIN DE PLATA NR.: 837 TIP.DOC. 1 :
DATA EMITERII:20 iulie 2021 :
=====:
PLATITI: 4000-00 LEI: Patru Mii lei 00 bani :
:
:
=====:
PLATITOR: (R) "BIOSISTEM CONTUL DE PLATI/CODUL IBAN :
MLD" S.R.L. MD95ML000000002251429243 :
CODUL FISCAL :1010600028048 / :
:
:
=====:
PRESTATORUL PLATITOR CODUL BANCII:
BC"Moldindconbank"S.A. fil."Invest" Chisinau :MOLDMD2X329:
=====:
BENEFICIAR (R) Centrul pen CONTUL DE PLATI/CODUL IBAN :
tru achizitii publice central MD23TRPCCC518430B01859AA :
izate in sanatate CODUL FISCAL :1016601000212 / :
:
:
=====:
PRESTATORUL BENEFICIAR CODUL BANCII:
Ministerul Finantelor - Trezoreria de Stat :TREZMD2X :
=====:
DESTINATIA PLATII:/P102/4000,00 Pentru g: TIPUL TRANSFERULUI :
arantia pentru oferta la procedura de ac: NORMAL/URGENT :N:
hizi?ie publica nr. ocds-b3wdp1-MD-16234: :
02250808 din 24.07.2021 :
:
:
: L.S. :
=====:
CODUL TRANZACTIEI:101: :
DATA PRIMIRII:20/07/2021 : SEMNATURILE :
DATA EXECUTARII: : EMITENTULUI :
:-----:
CONDUCTOR:Web Poiata Vitalie :
MIIGYwYJKoZIhvcNAQcCoIIGVDCCBlACAQExCzAJBgUrDgMCGGUAMAsGCSqGSIB:
DQEHAaCCBGwwggRoMIIDUKADAgECAhNHAACjbilrgFksQ0G4AAAAAKNuMA0GCSq:
SIB3DQEBcWUAMCIxIDAeBgNVBAMTF0NFULQxLUNBLU1vbGRpbmRjb25iYW5rMB4:
DTIxMDEyODExMzgwNVVoXDTI0MDEyODExNDgwNVowgZ8xCzAJBgNVBAYTAk1EMRA:
gYDVQQIEwdNb2xkb3ZhMREwDwYDVQQHEwhDaGlzaW5hdTEWMBQGA1UEChMNQm1 :
:
(semnatura electronica) :
CONTABIL-SEF:Web Nasedchin Alexandr :
MIIGZwYJKoZIhvcNAQcCoIIGWDCCBlQCAQExCzAJBgUrDgMCGGUAMAsGCSqGSIB3:
DQEHAaCCBHAWggRsMIIDVKADAgECAhNHAACjcahRKqbJeg8QAAAAAKNxMA0GCSqG:
SIB3DQEBcWUAMCIxIDAeBgNVBAMTF0NFULQxLUNBLU1vbGRpbmRjb25iYW5rMB4X:
DTIxMDEyODExMzkwOFoXDTI0MDEyODExNDkxOFowgaMxCzAJBgNVBAYTAk1EMRAw:
YDVQQIEwdNb2xkb3ZhMREwDwYDVQQHEwhDaGlzaW5hdTEWMBQGA1UEChMNQm1v :
:
L.S. (semnatura electronica) :
CONDUCTOR: :
(semnatura manuala) :
CONTABIL-SEF: :
(semnatura manuala) :
SEMNATURA PRESTATORUL L.S. :
:-----:
MOTIVUL REFUZULUI : L.S. :
-----:



BC "MOLDINDCONBANK" S.A.

Filiala "Invest"

Republica Moldova, MD-2068
mun. Chișinău, bd. Moscovei, 14/1
Tel. : (373-22) 43-44-81, 43-46-24
Fax : (373-22) 43-44-22
cod: MOLDMD2X329

Data 14. IAN. 2016
Nr. 03/2 - 19/23

Республика Молдова, MD-2068
мун. Кишинэу, бул. Московской, 14/1
Тел. : (373-22) 43-44-81, 43-46-24
Факс : (373-22) 43-44-22
код: MOLDMD2X329

Filiala „Invest” BC „Moldindconbank” SA confirmă existența contului curent în moneda națională al **“BIOSISTEM MLD” S.R.L. (c/f 1010600028048)**, cu **IBAN MD95ML000000002251429243.**

Codul băncii MOLDMD2X329.

Director

Nina Turcan

Director financiar



Nina Balmuş

Ex. Diana Brinza
Tel. 43-45-96

REPUBLICA



MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

Societatea cu Răspundere Limitată "BIOSISTEM MLD"
— ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT —

Numărul de identificare de stat - codul fiscal
1010600028048

Data înregistrării

12.08.2010

Data eliberării

12.08.2010

Svirepova Ludmila, registrator

*Funcția, numele, prenumele persoanei
care a eliberat certificatul*

L. Svirepova
semnătura

MD 0101250





I.P. "AGENȚIA SERVICII PUBLICE"

Departamentul înregistrare și licențiere a unităților de drept

EXTRAS

din Registrul de stat al persoanelor juridice

nr. 8506 din 28.04.2021

Denumirea completă: **Societatea cu Răspundere Limitată «BIOSISTEM MLD».**

Denumirea prescurtată: **«BIOSISTEM MLD» S.R.L.**

Forma juridică de organizare: **Societate cu Răspundere Limitată.**

Numărul de identificare de stat și codul fiscal: **1010600028048.**

Data înregistrării de stat: **12.08.2010.**

Sediul: **MD-2001, str. Albișoara, 16/1, ap.(of.) 7, mun. Chișinău, Republica Moldova.**

Obiectul principal de activitate:

- 1 Activitatea farmaceutică;**
- 2 Importul, fabricarea, comercializarea, asistența tehnică și (sau) reparația dispozitivelor medicale și (sau) a opticii;**
- 3 Acordarea asistenței medicale de către instituțiile medico-sanitare private;**
- 4 Comerțul cu ridicata al calculatoarelor, echipamentelor periferice și software-ului;**
- 5 Întreținerea și repararea mașinilor de birou și a tehnicii de calcul;**
- 6 Consultații în domeniul sistemelor de calcul.**

Capitalul social: **5400 lei.**

Administrator: POIATA VITALIE,

Asociați:

- 1. POIATA VITALIE 33,40 %**
- 2. NASEDCHIN ALEXANDR 33,30 %**
- 3. KOJEVNIKOV DMITRII 33,30 %.**

Prezentul extras este eliberat în temeiul art. 34 al Legii nr. 220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de: 28.04.2021.

Specialist coordonator
tel. 022-207-840



Lazari Aliona



EB 0358735

Lista fondatorilor Biosistem-mld SRL

Nr.	Nume, Prenume	IDNP
1.	Vitalie Poiata	0983103892591
2.	Alexandr Nasedchin	2002001070747
3.	Dmitrii Kojevnikov	0972305012362

Дата предоставления 11.05.2021 10:00:47

Anexe la SNC
 "Prezentarea situatiilor financiare"
 Aprobat de Ministerul Finantelor
 al Republicii Moldova

SITUAȚIILE FINANCIARE

pentru perioada 01.01.2020 - 31.12.2020

Entitatea: BIOSISTEM MLD S.R.L.
 Cod CUIIO: 40717392
 Cod IDNO: 1010600028048

Sediuul:
 MD:
 Raionul(municipiul): 106, DOF, RISCANI
 Cod CUATM: 0150, SEC, RISCANI
 Strada: SECTORUL RISCANI STR.Albisoara nr.16 bl.1 of.7

Activitatea principală: 08646, Comerț cu ridicata al produselor farmaceutice
 Forma de proprietate: 16, Proprietate colectivă
 Forma organizatorico-juridică: 530, Societăți cu răspundere limitată

Date de contact:
 Telefon: +3732808719
 WEB:
 E-mail: zmil13@gmail.ru
 Numele și coordonatele al contabilului-șef: DI (dna) Tel.

Numărul mediu al salariaților în perioada de gestiune: 3 persoane.

Persoanele responsabile de semnarea situațiilor financiare* Nasedchin Alexandr

Unitatea de măsură: leu

BILANȚUL

la

Anexa 1

Nr. cpt.	Indicatori	Cod rd.	Sold la	
			Începutul perioadei de gestiune	Sfîrșitul perioadei de gestiune
1	2	3	4	5
	A C T I V			
	ACTIVE IMOBILIZATE			
	I. Imobilizări necorporale			
	1. Imobilizări necorporale în curs de execuție	010		
	2. Imobilizări necorporale în exploatare, total	020		487
	din care:			
	2.1. concesiuni, licențe și mărci	021		487
	2.2. drepturi de autor și titluri de protecție	022		
	2.3. programe informatice	023		
	2.4. alte imobilizări necorporale	024		
	3. Fond comercial	030		
	4. Avansuri acordate pentru imobilizări necorporale	040		
	Total imobilizări necorporale (rd.010 + rd.020 + rd.030 + rd.040)	050		487
	II. Imobilizări corporale			
	1. Imobilizări corporale în curs de execuție	060		
	2. Terenuri	070		
	3. Mijloace fixe, total	080		2208593
	din care:			
	3.1. clădiri	081		
	3.2. construcții speciale	082		
	3.3. mașini, utilaje și instalații tehnice	083		2204135
	3.4. mijloace de transport	084		

A.	3.5. inventar și mobilier	085		
	3.6. alte mijloace fixe	086	4458	2000
	4. Resurse minerale	090		
	5. Active biologice imobilizate	100		
	6. Investiții imobiliare	110		
	7. Avansuri acordate pentru imobilizări corporale	120		
	Total imobilizări corporale (rd.060 + rd.070 + rd.080 + rd.090 + rd.100 + rd.110 + rd.120)	130	2208593	2793637
	III. Investiții financiare pe termen lung			
	1. Investiții financiare pe termen lung în părți neafiliate	140		
	2. Investiții financiare pe termen lung în părți afiliate, total	150		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	151		
	2.2. Împrumuturi acordate părților afiliate	152		
	2.3 Împrumuturi acordate aferente intereselor de participare	153		
	2.4 alte investiții financiare	154		
	Total investiții financiare pe termen lung (rd.140 + rd.150)	160		
	IV. Creanțe pe termen lung și alte active imobilizate			
	1. Creanțe comerciale pe termen lung	170		
	2. Creanțe ale părților afiliate pe termen lung	180		
	Inclusiv: creanțe aferente intereselor de participare	181		
	3. Alte creanțe pe termen lung	190		
	4. Cheltuieli anticipate pe termen lung	200		
	5. Alte active imobilizate	210		
	Total creanțe pe termen lung și alte active imobilizate (rd.170 + rd.180 + rd.190 + rd.200 + rd.210)	220		
	TOTAL ACTIVE IMOBILIZATE (rd.050 + rd.130 + rd.160 + rd.220)	230	2209080	2793637
B.	ACTIVE CIRCULANTE			
	I. Stocuri			
	1. Materiale și obiecte de mică valoare și scurtă durată	240	54051	51978
	2. Active biologice circulante	250		
	3. Producția în curs de execuție	260		
	4. Produse și mărfuri	270	5710647	7221203
	5. Avansuri acordate pentru stocuri	280		
	Total stocuri (rd.240 + rd.250 + rd.260 + rd.270 + rd.280)	290	5764698	7273181
	II. Creanțe curente și alte active circulante			
	1. Creanțe comerciale curente	300	4337729	3912218
	2. Creanțe ale părților afiliate curente	310		
	Inclusiv: creanțe aferente intereselor de participare	311		
	3. Creanțe ale bugetului	320	166486	74631
	4. Creanțele ale personalului	330		
	5. Alte creanțe curente	340		
	6. Cheltuieli anticipate curente	350	4	2
	7. Alte active circulante	360	1647908	5756117
	Total creanțe curente și alte active circulante (rd.300 + rd.310 + rd.320 + rd.330 + rd.340 + rd.350 + rd.360)	370	6152127	9742968
	III. Investiții financiare curente			
	1. Investiții financiare curente în părți neafiliate	380		
	2. Investiții financiare curente în părți afiliate, total	390		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	391		
	2.2. Împrumuturi acordate părților afiliate	392		
	2.3. Împrumuturi acordate aferente intereselor de participare	393		

	2.4. alte investiții financiare în părți afiliate	394		
	Total investiții financiare curente (rd.380 + rd.390)	400		
	IV. Numerar și documente bănești	410	8911899	3942779
	TOTAL ACTIVE CIRCULANTE (rd.290 + rd.370 + rd.400 + rd.410)	420	20828724	20958928
	TOTAL ACTIVE (rd.230 + rd.420)	430	23037804	23752565
	P A S I V			
	CAPITAL PROPRIU			
	I. Capital social și neînregistrat			
	1. Capital social	440	5400	5400
	2. Capital nevărsat	450	()	()
	3. Capital neînregistrat	460		
C.	4. Capital retras	470	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	480		
	Total capital social și neînregistrat (rd.440 + rd.450 + rd.460 + rd.470 + rd.480)	490	5400	5400
	II. Prime de capital	500		
	III. Rezerve			
	1. Capital de rezervă	510		
	2. Rezerve statutare	520		
	3. Alte rezerve	530		
	Total rezerve (rd.510 + rd.520 + rd.530)	540		
	IV. Profit (pierdere)			
	1. Corecții ale rezultatelor anilor precedenți	550	X	
	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	560	21021465	12085295
	3. Profit net (pierdere netă) al perioadei de gestiune	570	X	7974831
	4. Profit utilizat al perioadei de gestiune	580	X	()
	Total profit (pierdere) (rd.550 + rd.560 + rd.570 + rd.580)	590	21021465	20060126
	V. Rezerve din reevaluare	600		
	VI. Alte elemente de capital propriu	610		
	TOTAL CAPITAL PROPRIU (rd.490 + rd.500 + rd.540 + rd.590 + rd.600 + rd.610)	620	21026865	20065526
	DATORII PE TERMEN LUNG			
D.	1. Credite bancare pe termen lung	630		
	2. Împrumuturi pe termen lung	640		
	din care:			
	2.1. Împrumuturi din emisiunea de obligațiuni	641		
	Inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	642		
	2.2. alte împrumuturi pe termen lung	643		
	3. Datorii comerciale pe termen lung	650		
	4. Datorii față de părțile afiliate pe termen lung	660		
	Inclusiv: datorii aferente intereselor de participare	661		
	5. Avansuri primite pe termen lung	670		
	6. Venituri anticipate pe termen lung	680		
	7. Alte datorii pe termen lung	690		
	TOTAL DATORII PE TERMEN LUNG (rd.630 + rd.640 + rd.650 + rd.660 + rd.670 + rd.680 + rd.690)	700		
	DATORII CURENTE			
	1. Credite bancare pe termen scurt	710		
	2. Împrumuturi pe termen scurt, total	720		

	din care:	721		
	2.1. Împrumuturi din emisiunea de obligațiuni			
	Inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	722		
	2.2. alte împrumuturi pe termen scurt	723		
	3. Datorii comerciale curente	730	1331928	3252667
	4. Datorii față de părțile afiliate curente	740		
	Inclusiv: datorii aferente intereselor de participare	741		
	5. Avansuri primite curente	750	159545	188105
	6. Datorii față de personal	760	2913	50
	7. Datorii privind asigurările sociale și medicale	770		
E.	8. Datorii față de buget	780	434590	187676
	9. Datorii față de proprietari	790		
	10. Venituri anticipate curente	800		
	11. Alte datorii curente	810	81963	58541
	TOTAL DATORII CURENTE (rd.710 + rd.720 + rd.730 + rd.740 + rd.750 + rd.760 + rd.770 + rd.780 + rd.790 + rd.800 + rd.810)	820	2010939	3687039
	PROVIZIOANE			
	1. Provizioane pentru beneficiile angajaților	830		
	2. Provizioane pentru garanții acordate cumpărătorilor/clientșilor	840		
	3. Provizioane pentru impozite	850		
	4. Alte provizioane	860		
F.	TOTAL PROVIZIOANE (rd.830 + rd.840 + rd.850 + rd.860)	870		
	TOTAL PASIVE (rd.620 + rd.700 + rd.820 + rd.870)	880	23037804	23752565

SITUAȚIA DE PROFIT ȘI PIERDERE

de la până la

Anexa 2

Indicatori	Cod rd.	Perioada de gestiune	
		precedenta	curenta
1	2	3	4
Venituri din vânzări, total	010	27319617	25963175
din care:			
venituri din vânzarea produselor și mărfurilor	011	26856566	25044358
venituri din prestarea serviciilor și executarea lucrărilor	012	463051	918817
venituri din contracte de construcție	013		
venituri din contracte de leasing	014		
venituri din contracte de microfinanțare	015		
alte venituri din vânzări	016		
Costul vânzărilor, total	020	15672962	15186814
din care:			
valoarea contabilă a produselor și mărfurilor vândute	021	15672962	15186814
costul serviciilor prestate și lucrărilor executate terților	022		
costuri aferente contractelor de construcție	023		
costuri aferente contractelor de leasing	024		
costuri aferente contractelor de microfinanțare	025		
alte costuri aferente vânzărilor	026		
Profit brut (pierdere brută) (rd.010 - rd.020)	030	11646655	10776361
Alte venituri din activitatea operațională	040	28586	247603
Cheltuieli de distribuie	050	16306	19740
Cheltuieli administrative	060	964136	1259776
Alte cheltuieli din activitatea operațională	070	417394	640169
Rezultatul din activitatea operațională: profit (pierdere) (rd.030 + rd.040 - rd.050 - rd.060 - rd.070)	080	10277405	9104279

Venituri financiare, total	090	490609	519239
din care:			
venituri din interese de participare	091		
inclusiv: veniturile obținute de la părțile afiliate	092		
venituri din dobânzi	093		25612
inclusiv: veniturile obținute de la părțile afiliate	094		
venituri din alte investiții financiare pe termen lung	095		
inclusiv: veniturile obținute de la părțile afiliate	096		
venituri aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	097		
venituri din ieșirea investițiilor financiare	098		
venituri aferente diferențelor de curs valutar și de sumă	099	490609	493627
Cheltuieli financiare, total	100	686605	597528
din care:			
cheltuieli privind dobânzile	101		
inclusiv: cheltuielile aferente părților afiliate	102		
cheltuieli aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	103		
cheltuieli aferente ieșirii investițiilor financiare	104		
cheltuieli aferente diferențelor de curs valutar și de sumă	105	686605	597528
Rezultatul: profit (pierdere) financiar(ă) (rd.090 - rd.100)	110	-195996	-78289
Venituri cu active imobilizate și excepționale	120		
Cheltuieli cu active imobilizate și excepționale	130		
Rezultatul din operațiuni cu active imobilizate și excepționale: profit (pierdere) (rd.120 - rd.130)	140		
Rezultatul din alte activități: profit (pierdere) (rd.110 + rd.140)	150	-195996	-78289
Profit (pierdere) până la impozitare (rd.080 + rd.150)	160	10081409	9025990
Cheltuieli privind impozitul pe venit	170	1178993	1051159
Profit net (pierdere netă) al perioadei de gestiune (rd.160 - rd.170)	180	8902416	7974831

SITUAȚIA MODIFICĂRILOR CAPITALULUI PROPRIU

de la pină la						
Anexa 3						
Nr. d/o	Indicatori	Cod rd	Sold la începutul perioadei de gestiune	Majorări	Diminuări	Sold la sfârșitul perioadei de gestiune
1	2	3	4	5	6	7
I.	Capital social și neînregistrat					
	1. Capital social	010				
	2. Capital nevărsat	020 ()	()	()	()	()
	3. Capital neînregistrat	030				
	4. Capital retras	040 ()	()	()	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	050				
	Total capital social și neînregistrat (rd.010 + rd.020 + rd.030 + rd.040 + rd.050)	060				
II.	Prime de capital	070				
III.	Rezerve					
	1. Capital de rezervă	080				
	2. Rezerve statutare	090				
	3. Alte rezerve	100				
	Total rezerve (rd.080 + rd.090 + rd.100)	110				
	Profit (pierdere)					
	1. Corecții ale rezultatelor anilor precedenți	120	X			

Расписка 2

Версия для печати
Сохранить

Респондент
Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.
Предоставил отчет: RSF1_21
На фискальный период: A/2020
Дата предоставления: 11.05.2021
Временная метка отчёта зарегистрированного в Информационной Системе НБС : 11.05.2021 12:26:31

National Bureau of Statistics (NBS) received the electronic version of the report, sent by you. The data provided is verified by NBS.

IV.	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	130			
	3. Profit net (pierdere netă) al perioadei de gestiune	140	X		
	4. Profit utilizat al perioadei de gestiune	150	X	()	()
	Total profit (pierdere) (rd.120 + rd.130 + rd.140 + rd.150)	160			
V.	Rezerve din reevaluare	170			
VI.	Alte elemente de capital propriu	180			
	Total capital propriu (rd.060 + rd.070 + rd.110 + rd.160 + rd.170 + rd.180)	190			

SITUAȚIA FLUXURILOR DE NUMERAR

de la pină la			
Anexa 4			
Indicatori	Cod rd	Perioada de gestiune	
		precedentă	curentă
1	2	3	4
Fluxuri de numerar din activitatea operațională			
Încasări din vânzări	010		
Plăți pentru stocuri și servicii procurate	020		
Plăți către angajați și organe de asigurare socială și medicală	030		
Dobânzi plătite	040		
Plata impozitului pe venit	050		
Alte încasări	060		
Alte plăți	070		
Fluxul net de numerar din activitatea operațională (rd.010 - rd.020 - rd.030 - rd.040 - rd.050 + rd.060 - rd.070)	080		
Fluxuri de numerar din activitatea de investiții			
Încasări din vânzarea activelor imobilizate	090		
Plăți aferente intrărilor de active imobilizate	100		
Dobânzi încasate	110		
Dividende încasate	120		
Inclusiv: dividende încasate din străinătate	121		
Alte încasări (plăți)	130		
Fluxul net de numerar din activitatea de investiții (rd.090 - rd.100 + rd.110 + rd.120 ± rd.130)	140		
Fluxuri de numerar din activitatea financiară			
Încasări sub formă de credite și împrumuturi	150		
Plăți aferente rambursării creditelor și împrumuturilor	160		
Dividende plătite	170		
Inclusiv: dividende plătite nerezidenților	171		
Încasări din operațiuni de capital	180		
Alte încasări (plăți)	190		
Fluxul net de numerar din activitatea financiară (rd.150 - rd.160 - rd.170 + rd.180 ± rd.190)	200		
Fluxul net de numerar total (± rd.080 ± rd.140 ± rd.200)	210		
Diferențe de curs valutar favorabile (nefavorabile)	220		
Sold de numerar la începutul perioadei de gestiune	230		
Sold de numerar la sfârșitul perioadei de gestiune (± rd.210 ± rd.220 + rd.230)	240		

Documente atașate - Notă explicativă (fișierul pdf)

Расписка

Версия для печати
Сохранить

Респондент
Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.
Предоставил отчет: RSF1_21
На фискальный период: A/2020
Дата предоставления: 11.05.2021
Временная метка отчёта зарегистрированного в Системе Электронной Отчётности и отправленного в Информационную Систему БНС : 11.05.2021 10:00:47



BIOSISTEM-MLD S.R.L.

c/f 1010600028048; adresa: str. Albișoara 16/1 of.7, or. Chișinău
tel.+373-22-808517, +373-22-808719, fax +373-22-808519.
Web: www.biosistem-mld.com; e-mail: biosistem.mld@gmail.com

Către Grupul de lucru pentru evaluarea

Procedurii de achiziție Nr. ocds-b3wdp1-MD-1623402250808

din 2 iul 2021, 9:11 - 24 iul 2021, 9:11

din cadrul CAPCS

Declarație

Prin prezenta, SRL „Biosistem-mld”, declara ca :

- Va instala și instrui personalului beneficiarului cu privire la utilizarea echipamentelor livrate, organizate la sediul beneficiarului de către personalul autorizat al furnizorului.
- Termenul de garanție pentru echipamentul oferit nu este mai mic de 24-36 de luni de la data livrării/instalării acestuia.
- Perioada de reacție: jumătate de oră sau mai puțin la telefon și 24 ore sau mai puțin la locul beneficiarului în cazul apariției defecțiunilor tehnice.
- Va organiza inspecțiile planificate / întreținerea profilactică și calibrarea conform programului stabilit și mentenanța dispozitivului medical pe durata perioadei de garanție, efectuat de către un inginer calificat al ofertantului.
- Anul producerii echipamentului nu este mai vechi de anul 2020.
- Va înregistra în Registrul de Stat al Dispozitivelor Medicale a Agenției Medicamentului și Dispozitivelor Medicale bunurile contractate până la momentul livrării acestora.
- Până la momentul livrării va prezenta numărul de înregistrare din Lista producătorilor, conform prevederilor HG 212/2018 privind gestionarea Echipamentelor Electrice si Electronice (EEE).

_____ Vitalie Poiata

L.Ș.



Product Catalog

SURGEONS DENTISTS HYGIENISTS

orascopic.com



OUR VISION

See results from recent
LAB TESTS!
See page 22

AT ORASCOPTIC, WE ENVISION every healthcare procedure in the world being performed with superior visualization under the best ergonomic conditions for the clinician to drive the best patient outcomes.

Recognized as a pioneer in medical vision for over 35 years, Orasoptic continues to offer healthcare professionals superior products that focus on magnification and illumination.

- Our legacy of advanced performance and clinician-first features sets the bar for craftsmanship, innovation and durability.
- Each Orasoptic loupe is custom-crafted with meticulous precision in Madison, Wisconsin and personalized to the individual's facial geometry, ensuring optimal resolution across the widest and deepest field of view.
- Engineered with performance and comfort in mind, our loupes employ rich details such as adjustable nose pads, flexible temple hinges, anti-reflective lens coatings and working distances refined in half-inch increments. Additionally, steep declination angles allow for improved posture and help reduce strain.

Discover how Orasoptic continually shatters the status quo with award-winning optical innovations such as the EyeZoom™ loupe with three adjustable magnification levels and the XV1™ loupe, the first and only all-in-one wireless loupe & headlight.

TABLE OF CONTENTS

4 LOUPES	20 LASER PROTECTION
13 FRAMES	21 SAFETY PRODUCTS
15 HEADLIGHTS	22 LAB TEST RESULTS



LOUPES

HDL™ 2.5 MICRO

Pushing the boundaries of a typical micro optic, the loupe provides a generous field of view with edge-to-edge clarity. The exceptionally small profile also allows for additional viewing space above the telescope.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

ErgoEdge™ · Flak 2.0® · Rydon™ · Tempo™
Victory™ · XVI™



HDL™ 2.5 MACRO

Delivering an equivalent image quality to the HDL 2.5 Micro, the HDL 2.5 Macro distinguishes itself with sizeable field width that allows instruments to be transitioned into the field of view with ease.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

ErgoEdge™ · Flak 2.0® · Rydon™ · Tempo™
Victory™ · XVI™



SPECIFICATIONS Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

Series	Power	Working Distance	Field Width	Field Depth	Weight*
HDL Micro	2.5x	Customized to each user	3.4" (8.75 cm)	7.0" (17.80 cm)	TTL 1.36 oz (38.60 g)
HDL Macro	2.5x	Customized to each user	4.0" (10.40 cm)	5.0" (12.70 cm)	TTL 1.80 oz (50.70 g)

** measured on Orascope Victory Frame, see pg 13*



HDL™ 3.0

Comparable to its predecessor — the HDL™ 2.5 — this custom-crafted loupe boasts edge-to-edge clarity and a generous field of view. Compact and lightweight, this loupe is designed to deliver a comfort rarely associated with Galilean optics of equivalent magnification power.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

ErgoEdge™ · Flak 2.0® · Rydon™ · Tempo™
Victory™ · XVI™



SPECIFICATIONS Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

Series	Power	Working Distance	Field Width	Field Depth	Weight*
HDL	3.0x	Customized to each user	3.1" (7.90 cm)	7.5" (19.0 cm)	TTL 1.70 oz (48.70 g)

** measured on Orasoptic Victory Frame, see pg 13*



LOUPES

HDL™ PRISMS

Prismatic Expanded Field Loupes — Ranging from 3.5x to 5.5x, these loupes are designed for healthcare professionals who perform exacting procedures. The HDL prisms enable precise interactions, enhanced visibility and provide a customizable declination angle that accommodates various surgical procedures. The compact design and brushed metallic finish of the telescope offers an aesthetically pleasing element to this medical device.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

ErgoEdge™ · Rydon™ · Tempo™ · Victory™ · XVI™



SPECIFICATIONS Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

Series	Power	Working Distance	Field Width	Field Depth	Weight*
HDL	3.5x	Customized to each user	3.5" (8.90 cm)	3.6" (9.10 cm)	TTL 2.4 oz (67.5 g)
	4.5x	Customized to each user	2.95" (7.50 cm)	2.64" (6.70 cm)	TTL 2.5 oz (71.5 g)
	5.5x	Customized to each user	2.51" (6.40 cm)	2.32" (5.90 cm)	TTL 2.6 oz (74.4 g)

* measured on Orascope Victory Frame, see pg 13



LOUPES INTERCHANGEABLE MAGNIFICATION



OMNIOPTIC™

Discover the first and only interchangeable magnification loupe that allows clinicians to select the optimal magnification power for each procedure. Accommodating four magnification powers ranging from 2.5x – 5.5x, the OmniOptic is an ideal system for users looking to increase their magnification power over the course of their career.



MOUNTING OPTIONS

Through-the-Lens

LOUPE OPTIONS

HDL™ 2.5 Macro • HDL 3.5 • HDL 4.5 • HDL 5.5

FRAME OPTIONS

ErgoEdge™ • Rydon™ • Tempo™
Victory™ • XVI™

SPECIFICATIONS Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

Series	Power	Working Distance	Weight*
OmniOptic	2.5x	Customized to each user	2.02 oz (57.3 g)
	3.5x	Customized to each user	2.66 oz (75.3 g)
	4.5x	Customized to each user	2.79 oz (79.1 g)
	5.5x	Customized to each user	2.90 oz (82.1 g)

* measured on Orasoptic Victory Frame, see pg 13



OPTICS ADJUSTABLE MAGNIFICATION

EYEZOOM™ & EYEZOOM™ MINI

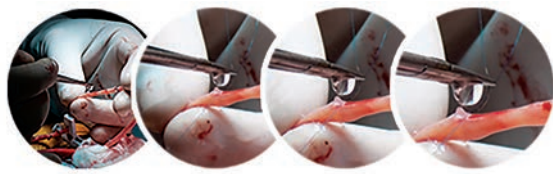
Offering two adjustable magnification solutions, EyeZoom™ features three magnification levels ranging from 3x-5x, while EyeZoom Mini™ features two magnification levels allowing the user to switch between 2.5x and 3.5x. Orascope's EyeZoom and EyeZoom Mini offer clinicians the ability to switch between multiple magnification powers to

accommodate a variety of procedures that require varying degrees of detail. Use lower magnification for routine dental examinations and preparation for crown and bridge procedures. Increase magnification for more complex and exacting procedures.



EYEZOOM ADJUSTABLE MAGNIFICATION

EyeZoom employs 3-step variable magnification



No
magnification

3x

4x

5x



EYEZOOM MINI ADJUSTABLE MAGNIFICATION

EyeZoom Mini employs 2-step variable magnification



No
magnification

2.5x

3.5x

QUALITY ENGINEERING

Optics co-engineered by
Orascope™ & Konica Minolta™





The first ever 3-in-1 and 2-in-1 adjustable magnification loupes, EyeZoom and EyeZoom Mini were developed to assist healthcare professionals view an operating site from multiple perspectives, conforming to fit each user’s individual preference.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

ErgoEdge™ · Rydon™ · Tempo™ · Victory™ · XV1™



SPECIFICATIONS Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

Series	Power	Working Distance	Field Width	Field Depth	Weight*
EyeZoom	3.0x	Customized to each user	4.0" (10.20 cm)	4.0" (10.20 cm)	TTL 3.4 oz (97.6 g)
	4.0x	Customized to each user	3.25" (8.30 cm)	3.25" (8.30 cm)	
	5.0x	Customized to each user	2.50" (6.35 cm)	2.50" (6.35 cm)	
EyeZoom Mini	2.5x	Customized to each user	3.97" (10.10 cm)	4.76" (12.10 cm)	TTL 2.6 oz (73.7 g)
	3.5x	Customized to each user	3.19" (8.10 cm)	3.78" (9.60 cm)	

* EyeZoom measured on Orasoptic Legend Frame; EyeZoom Mini measured on Orasoptic Victory Frame, see pg 13



HYGIENE LOUPES

RDH ELITE™

Orasoptic's first loupe with a singular focus on the dental hygiene industry. Designed by a team of both practicing hygienists and industry-recognized experts in ergonomics and infection control, the RDH Elite is centered on improving ergonomics and productivity.

MOUNTING OPTIONS

Through-the-Lens

FRAME OPTIONS

Iconic · Sport



SPECIFICATIONS Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

Series	Power	Working Distance	Field Width	Field Depth	Weight*
RDH Elite	2.5x	Customized to each user	4.0" (10.20 cm)	6.0" (15.20 cm)	TTL 1.9 oz (58.4 g)

** measured on Orasoptic RDH Iconic Frame, see pg 13*



RDH ELITE EDGE™

Ergonomic focus — Accommodates steep telescope declination for proper posture.

Optimal Field of View — Encompasses a field width and depth recommended for dental hygiene professionals.

Infection Protection — Deep carrier lens and custom-designed side shields provide additional protection from debris and backsplash.

Fashionable — Iconic frame styles feature interchangeable temple tips and color emblems allowing you to add your own personal style.



RDH EliteEdge frame



RDH EliteEdge frame

SPECIFICATIONS Each loupe package includes side shields, head strap, personalized storage case, prescription lens, optical screw driver and cleaning cloth.

Series	Power	Working Distance	Field Width	Field Depth	Weight*
RDH EliteEdge	2.5x	Customized to each user	4.0" (10.20 cm)	6.0" (15.20 cm)	TTL 1.5 oz (43.3 g)

** measured on Orasoptic RDH Elite Edge Frame, see pg 13*



FLIP-UP LOUPES

UNIVERSAL FLIP-UP™

Flip-ups generally afford steep declination angles up to 55 degrees. Our design features a vertical slide that allows advanced flexibility to position the telescopes in front of the pupils. They are assembled to the customer's PD at factory, but the horizontal PD bar allows the user to fine-tune

convergence. The “universal flip” feature allows the customer to transfer the telescopes to a variety of different eyewear. If worn on ophthalmic eyewear, the customer's prescription is updated every time they purchase a new pair of glasses.

MOUNTING OPTIONS

Flip-up

LOUPE OPTIONS

HDL™ 2.5 Macro

FRAME OPTIONS

Titan

COMPATIBLE WITH ...

Safety Glasses · Leaded Glasses (North America only)
Ophthalmic Glasses (your *own* eyewear!)

SPECIFICATIONS

Field Weight	Field Depth	Weight
4.0" (10.40 cm)	5.0" (12.70 cm)	2.5 oz (70.9 g)



FRAMES

ICONIC

TEMPO™



MATERIAL Stainless Steel · Aluminum

MOUNTING OPTIONS Through-the-Lens

SIZES Small · Medium · Large



Black

Blue

Merlot

Slate

Twist

Unlimited prescriptions

VICTORY™



MATERIAL Titanium

MOUNTING OPTIONS Through-the-Lens

SIZES Small · Medium · Large



Black

Blue

Merlot

Slate

Unlimited prescriptions



FRAMES SPORT

ERGOEDGE™



MATERIAL Nylon-blend branded Grilamid

MOUNTING OPTIONS Through-the-Lens

SIZES Small • Medium



Black

Blue

Carbon



Merlot

Purple

Tortoise

Wide range of prescriptions, including bifocals

RYDON™



MATERIAL Advance Carbon, Magnesium, Silicium, Grilamid, and Titanium

MOUNTING OPTIONS Through-the-Lens

SIZES One Size



Black

Blue

Carbon



Merlot

Platinum

Tortoise

Wide range of prescriptions, including bifocals

FLAK 2.0®



MATERIAL Oakley® O-Matter

MOUNTING OPTIONS Through-the-Lens

SIZES One Size



Black

Wide range of prescriptions, including bifocals

Oakley® and Flak 2.0® are registered trademarks of Oakley, Inc. Used with permission.



HEADLIGHTS

Orasoptic was granted a U.S. patent for the optical design used in each of its headlamps. This means we offer our customers a highly uniform spot with the least amount of weight in comparison to other

solutions on the market (see below). With Orasoptic-exclusive technology, clinicians can flood oral and surgical sites with a more uniform distribution of light, using an optical design that is lighter weight than before — that’s a win-win!



ORASOPTIC

Each Orasoptic headlight model is tested to ensure compliance with blue light testing standards set by the International Electrotechnical Commission. To learn more, visit [orasoptic.com/products/headlights](https://www.orasoptic.com/products/headlights).



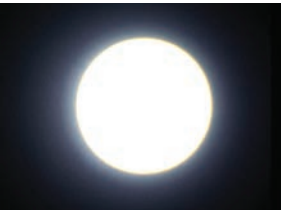
Manufacturer A



Manufacturer B



Manufacturer C



Manufacturer D

Based on results of independent third-party testing.



HEADLIGHTS

LOUPE & LIGHT

XV1™

Designed with a perfect synergy between magnification and illumination, the XV1 is the **first and only** wireless loupe and headlight in one. Employing our lightest weight headlight, this frame has no exterior cabling and draws its power from battery packs in the temple tips. The counterbalanced design enhances overall comfort.



Black



Blue



Merlot



Steel



White



SPECIFICATIONS Each XV1 includes power supply, charger, 4 rechargeable batteries, carrying case, 2 optical screwdrivers, cleaning cloth, curing filter.

Series	Weight	Light Intensity	Battery Life (4)	Charging Time
XV1	5.7 oz (161.7 g)	Low: 42 Lumens High: 68 Lumens	10 hrs on low 6 hrs on high	Less than 2 hours

All Orasoptic telescope models can be mounted on the XV1 frame.



HEADLIGHTS

CORDLESS

SPARK™

The self-contained cordless headlight that integrates with virtually any loupe or eyewear frame style. Featuring an innovative, patent-pending design, the Spark dispenses weight evenly across the bridge of a frame giving you a more comfortable fit with minimal concentrated facial pressure.

- **Uniform Spot** — A precise focused light provides enhanced visibility during procedures.
- **Versatile Power Charger** — A micro USB charger offers added convenience for charging on the go.
- **Blue Light Compliant** — Maintains compliance with blue light testing standards for safety set by the International Electrotechnical Commission (IEC).
- **Advanced Capacitive Touch Controls** — Power light on and off with ease in between procedures and patient consultations.



SPECIFICATIONS Each Spark package includes power supply, charger, 2 rechargeable batteries, carrying case, 2 optical screwdrivers, cleaning cloth, curing filter.

Series	Battery Type	Weight	Light Intensity	Battery Life (2)	Charging Time
Spark	Lithium-ion	1.12 oz (31.8 g)	32 Lumens	6 hours	2 hours



HEADLIGHTS

ENDEAVOUR™

Our second generation of the Endeavour headlight, this portable system provides a precise focused beam of light that distributes light evenly across the field of view. Convenient capacitive touch controls allow you to quickly adjust light settings without reaching into your jacket pocket.

- **Uniform Spot** — The homogeneous round spot distributes light evenly across the field of view.
- **Constant-Current Technology** — Brightness will not diminish during the run-time of the battery pack.
- **Advanced Capacitive Touch Controls** — Quickly adjust light settings without having to reach into a coat or pants pocket.
- **Multiple Light Levels** — Delivers 3 light intensity levels up to 68 lumens.
- **Detachable Cable** — Lasting durability from Kevlar®-like fibers
- **Battery Enclosure** — Durability from extruded aluminum



SPECIFICATIONS

Series	Light Intensity	Intensity Control	Headlight Weight	Battery Type	Battery Weight	Battery Life	Charging Time
Endeavour	32/53/68 Lumens	Capacitive touch up to 68 Lumens	0.38 oz (10.8 g)	Lithium-ion	4.8 oz (138 g)	Up to 18 hours	Up to 3 hours



HEADLIGHTS

ENDEAVOUR™ XL

This patented headlight technology provides a precise beam of light that helps illuminate critical details that can often be overlooked by the naked eye. Utilizing constant-current technology, the headlight's light output will not diminish during the run-time of the battery pack.

- **Increased Light Output** — Produces 25% brighter light output than the Orasoptic™ Endeavour™ headlight.
- **Longer Run-Time** — Seize the day with up to 24 hours of battery life.
- **Advanced Capacitive Touch Controls** — Quickly adjust light settings without having to reach into a coat or pants pocket.
- **Multiple Light Levels** — Delivers a low, medium and high light intensity level up to 85 lumens.
- **Detachable Cable** — Lasting durability from Kevlar®-like fibers
- **Battery Enclosure** — Durability from extruded aluminum



25% brighter
than Endeavour

25% longer
battery run time
than Endeavour

24-hour
continuous
battery life



SPECIFICATIONS

Series	Light Intensity	Intensity Control	Headlight Weight	Battery Type	Battery Weight	Battery Life	Charging Time
Endeavour XL	53/68/85 Lumens	Capacitive touch up to 85 Lumens	0.38 oz (10.8 g)	Lithium-ion	7.3 oz (206 g)	Up to 24 hours	Up to 6 hours



FRAMES BUILT FOR LOUPES

Specializing in the design and manufacturing of surgical loupes, dental loupes, and hygiene loupes for over 35 years, we have made it our mission to provide superior visualization to clinicians across the globe.

Key features of our award-winning, innovative loupes are highlighted below.



BUILD THE PERFECT LOUPE

Building your dream loupe is as easy as a few clicks. Just let us know what loupe model you're interested in, and what frame style and color you want to mount it on, and you're on your way!

Our easy web interface will walk you right through every step in a matter of minutes.

orascopic.com/loupe-builder



LAB-TESTED RESOLUTION + BRIGHTNESS = CLARITY

The difference is striking. In a series of third-party lab tests, Orasoptic's 2.5x loupes consistently outperformed the competition with superior combined scores for field width, field depth, resolution and light transmission. Most notably, our scores were outstanding in the areas that contribute most to image clarity.

Third-party testing confirms that with best in class optical resolution and best in class light transmission, Orasoptic loupes deliver the clearest image quality in the industry.

► THE LIGHT TRANSMISSION TEST

This test measured how much light passes through the optic to the eye. The greater the light transmission, the brighter the image which together enhances image clarity.

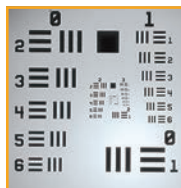
- For the light transmission test, Orasoptic's loupes measured:
- **40% better** than *Manufacturer A*
 - **14% better** than *Manufacturer B*
 - **20% better** than *Manufacturer C*

To learn more about the tests, visit [orasoptic.com](https://www.orasoptic.com).

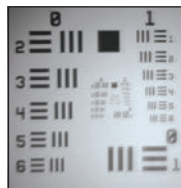
► **THE RESOLUTION TEST** Scores were determined by viewing the industry-standard USAF resolution target (below) through each telescope and performing the relevant calculations.

For the resolution test, Orasoptic's loupes measured:

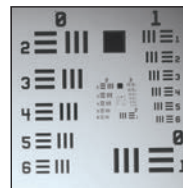
125% better than A | **12% better than B** | **26% better than C**



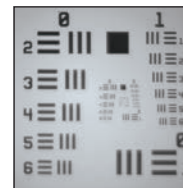
ORASOPTIC
(22.63 LP/mm)



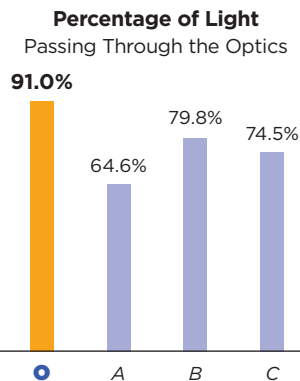
Manufacturer A
(10.03 LP/mm)



Manufacturer B
(20.16 LP/mm)



Manufacturer C
(17.96 LP/mm)



Did You Know?

As our eyes age, less light reaches our retinas. Orasoptic loupes have a greater light transmission which allows you to maintain a high level of clarity and detail as you progress in your career.





Manufacturer A



ORASCOPTIC



NOTE: Simulated comparison of third-party lab tests conducted 2018



EC DECLARATION OF CONFORMITY

DEC-960920-revC

This declaration of conformity is issued under the sole responsibility of the manufacturer

• Manufacturer's Name:	Metrex Research, LLC dba Orasoptic
• Manufacturer's Address:	3225 Deming Way, Suite 190 Middleton, WI 53562 USA
• Authorized Representative within the Community:	Kerr Italia, Srl Via Passanti, 332 I-84018 Scafati (SA), Italy
• Device Classification:	Class I
• Model:	Orasoptic Loupes
• Product Number(s):	Defined by Oracle Configurator, see CE technical file for details.
• Device Identification:	000000-999999
• Application of Council Directive(s):	93/42/EEC as amended by 2007/47/EC 2011/65/EU
• Standard(s) to which Conformity is Declared:	EN 50581:2012 EN 62321:2009 ISO 13485 ISO 14971
The object of the declaration described above is in conformity with Directive 93/42/EEC concerning medical devices as amended by 2007/47/EC, and Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.	
Date of Issue:	February 28, 2014
Place of Issue:	Metrex Research, LLC dba Orasoptic, Middleton, WI USA
 James Onderak, Director of I2E	 James Chenard, Director of Quality

Notary Cover Page For:

ISO 13485 Certificate

I certify that this is a true copy of the original ISO Certificate.

By  (Name(s) of individual(s))

Drew Weightman, VP/GM Orasoptic
Metrex Research LLC dba Orasoptic, Inc.

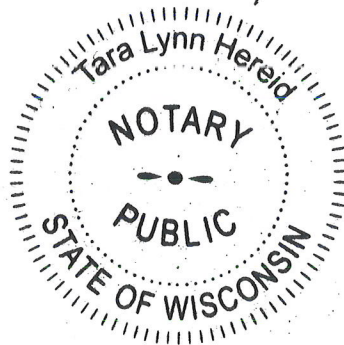
This record was acknowledged before me on 3/25/2021 (Date)

State of: Wisconsin

County of: Dane

Signature of notary officer: 

Stamp/Seal:



My commission expires: 10-27-2024 (Date)

Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485:2016

This is to certify that:

Metrex Research LLC
dba Surgical Acuity, Orasoptic
and Kerr Corporation
6650 Ronald Reagan Avenue
Madison
Wisconsin
53704
USA

Holds Certificate No:

FM 503651

and operates a Quality Management System which complies with the requirements of ISO 13485:2016 for the following scope:

The design, manufacture, packaging, distribution and repair of dental lights, magnification lenses, and electromechanical dental equipment.



For and on behalf of BSI:

Gary E Slack, Senior Vice President - Medical Devices

Original Registration Date: 2005-12-12

Latest Revision Date: 2020-11-09

Effective Date: 2020-11-17

Expiry Date: 2023-11-16

Page: 1 of 1



...making excellence a habit.™

AIR COMPRESSION THERAPY SOLUTIONS

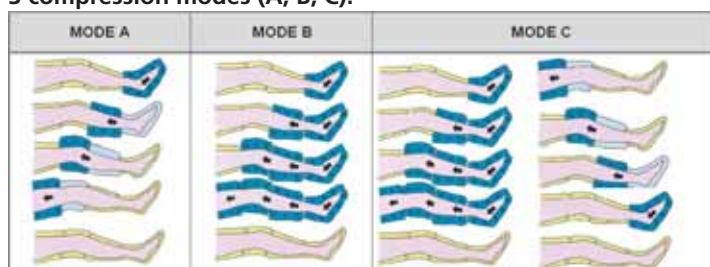
All human body is supplied by peripheral circulation of blood and lymph.

Our systems help patients to recover from their disease by improving blood and lymph circulation and metabolism.

Our systems consist of air chambers and an air pump offering air compression massage to legs, arms or waist.



- **28430 MAYLEA GIMA DIGITAL COMPRESSION MASSAGE with 2 legs (98x38 cm) - 4 chambers, 1 single and 1 double hose and 2 plastic feet guides**
- Skip function to choose directly the parts to be massaged.
- Fully digital management. Autocalibration functions.
- Manual: GB, FR, IT, ES. This system can operate with 3 compression modes (A, B, C).



TECHNICAL SPECIFICATIONS

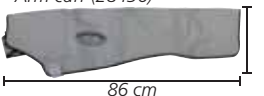
- pressure sensor
- digital timer (10, 20, 30, 40 min)
- digital pressure gauge (10~180 mmHg)
- one touch connection hose plug
- body size: 190x250x210 mm
- body weight: 3 kg

- **28435 LEG 93x32 cm**
- **28434 LEG EXTENSION ZIPPER - 10 cm extra extension**
- **28440 DOUBLE HOSE - to use two leg cuffs at the same time - spare**
- **28436 ARM CUFF unique size - 86x29 cm**
- **28437 WAIST CUFF 130x38 cm**

Leg cuff (28435)



Arm cuff (28436)



Waist cuff 130x38 cm (28437)



- **28441 MK400L PROFESSIONAL COMPRESSION SYSTEM with 2 legs (XL), and 2 single hoses**

MK400L is a professional air compression therapy system with essential functions for different kinds of patients. This system provides 3 compression modes (wave, squeezing, double squeezing), reverse compression settings, skip functions to select directly part to be pressurized and compression speed controller. Touch key pad display. Manual: GB, IT, ES.

TECHNICAL SPECIFICATIONS

- Pressure range: 10~200 mmHg
- Automatic pressure detection
- Operating voltage: 220-240 V, 50/60 Hz, 50 VA
- Use time: 1~90 minutes
- Body size: 415x310x160 mm
- Body weight: 6.5 kg

You can use 2 cuffs at the same time, MK400 has 2 connection plugs



Medical indications

- DVT (Deep Vein Thrombosis)
- Lymph edema
- Post-paralytic
- Limb convulsion
- Venosclerosis
- Chronic venous insufficiency (CVI)
- Post-mastectomy
- Post-trauma
- Spinal cord injury
- Varicose veins
- Sciatica
- Sprains
- Diabetes
- Arterial insufficiency

Home care indications

- Lymph edema
- Diseases caused by interrupted blood circulation
- Cellulitis fat dissolution
- Pregnant woman's limb treatment
- Benumbed feet or hands
- Cold feet or hands
- Settlement of stress
- Exercise effects
- Insomnia
- Healthier body and elastic skin
- Old age, weakness and fatigue



Possibility to use 2 leg cuffs at the same time with double hose (code 28440)



PROFESSIONAL AIR COMPRESSION SYSTEM

28441 2 hose plugs connections

- **28442 LEG CUFF L - 6 CHAMBERS - spare**
- **28443 LEG CUFF XL - 6 CHAMBERS - spare**
- **28444 LEG EXTENSION ZIPPER XL - 10 cm extra extension for 28443**
- **28445 SINGLE HOSE - spare**
- **28446 ARM CUFF - 6 CHAMBERS - universal**
- **28447 WAIST CUFF - 6 CHAMBERS - min-max girth 94-125 cm**

A mode (Wave)

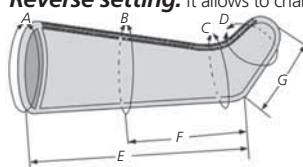
The selected air chamber inflates and deflates by one chamber sequentially from foot up to thigh.

B mode (Squeezing)

After all the selected air chambers inflate sequentially from foot up to thigh the inflated chambers deflate at once.

C mode (B mode two times + Reverse A mode 1 time)

The selected air chambers inflate and deflate by two chambers sequentially from foot up to thigh. Reverse setting: it allows to change automatically the selected mode to reverse mode.



Cuff Size	Leg dimension (cm)						
	A	B	C	D	E	F	G
L	64,0	49,5	40,5	34,5	75,0	38,0	28,0
XL	73,5	55,0	42,0	35,5	85,0	43,0	31,0

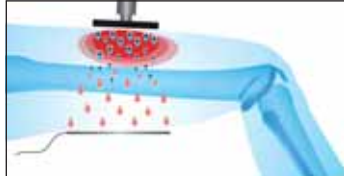
CR200 - PROFESSIONAL TECAR THERAPY

• 28364 CR200 TECAR THERAPY

Diathermy, also known as TECAR Therapy (meaning Capacitive and Resistive Energy Transfer), is a therapy stimulating the physiological healing process by accelerating the recovery time of motor function. Diathermy stimulates tissues endogenous heat production through the interaction of electromagnetic field and tissue. The heat is increased in a uniform controlled way. The electromagnetic interaction results in a ionic flow and consequently increases blood flow in the treated area. This process stimulates endogenous substances release (in particular cortisol and endorphins) that are necessary to reduce inflammations, pain and edemas. The new CR200 resistive/capacitive diathermy is a modern and highly performing device easy to use by professionals. Preset programmes help use the device from the start. Moreover the device can set parameters (power, time therapy, capacitive/resistive modes) according to therapeutic needs. It allows the memorization of customized programmes. In this way patient protocols are easily consulted by therapists at any time. Equipped with a wide graphic display showing therapy parameters and different working modes. Selectable software language (GB, FR, IT, ES).

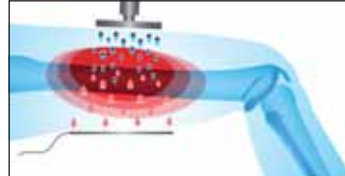
• 33251 TECARTHERAPY CONDUCTIVE CREAM 1 l

Moisturizing conductive cream ideal for Tecar therapy.



Capacitive mode

Electrode coated with ceramic material (mobile) and return plate (fixed). Indicated especially for soft tissues (muscle mass and lymphatic/vascular system). Benefits: specific intervention; easy control of the treated area.



Resistive mode

Non isolated electrode (mobile) and return plate (fixed). Indicated especially for tissues with greater resistance (bones, joints, tendons, ligaments, cartilages). Benefits: high level of diathermy; chronic diseases with fibrosis and degeneration

STANDARD ACCESSORIES

- 1 multi-function probe for capacitive and resistive mode
- 2 electrodes Ø 35 mm (1 resistive + 1 capacitive) with 9.61 cm² effective working area
- 2 electrodes Ø 60 mm (1 resistive + 1 capacitive) with 28.26 cm² effective working area
- 1 integrated support for probe
- 1 steel plate
- Bottle of conductive cream 1 kg
- Power supply cable
- User Manual: GB, IT, ES, FR



28364

Capacitive electrodes

Resistive electrodes

Multifunction probe

Steel return plate

MAIN TREATMENTS

Skeletal-muscle pathologies
Chondropathy
Coxarthrosis

Lumbalgy, pubalgy and acute/chronic pain
Osteoarticular pathologies

24 REHAB PROGRAMMES

knee arthrosis, arthrosynovitis, bursitis, cervicalgia, patellar chondropathy, bruises, coxarthrosis, sprain, articular pain, oedema, epicondylitis, epitrochleitis, spinal disk hernia, plantar fasciitis, gonarthrosis, ACL, lymphedema, back pain, meniscopathy, neuropathy, periartthritis, muscle sprain, acute tendinitis, chronic tendinitis

10 SPORT PROGRAMMES

Muscle contractures, bruise, muscle stretching, sprain, haematomas, tendon injury, superficial massage, deep massage, muscle recovery, muscle sprain

TECHNICAL SPECIFICATIONS

- Power supply: 100-240 V, 50/60 Hz
- Max power consumption: 300 W (50 ohm load)
- Carrier frequency: 485 kHz
- Adjustable power: 0-100%
- Touch screen graphic display 7"
- Preset programmes, free memories

I-TECH LA 500 LASER THERAPY

• 28410 I-TECH LA 500 LASER THERAPY

Laser therapy device equipped with a new probe with an emitting diode that allows beam laser application directly to the treatment area.

I-TECH LA 500 is able to stimulate deep tissues by promoting a rapid cellular regeneration thanks to 500 mW power output and 810 nm wavelength. Professional user can adjust power output, therapy time and operation mode (continuous or pulse).

I-TECH LA 500 guarantees a fast intervention for the treatment of inflammatory and degenerative pathologies in orthopedic, neurologic and dermatologic area.

Thanks to its high performance healing time is significantly reduced. Supplied with probe, belts for probe fastening and safety glasses.

Manual in: GB, IT, FR, ES.



28410

LASER THERAPY

The laser therapy uses the effects of energy produced by the light source penetration into the tissues.

Biochemical reactions are activated across the cellular membrane.

It has been observed that right doses of Laser light can stimulate cellular functions, in particular into the cells damaged by functional deficits.

The main effects of Laser therapy are:

- improved blood flow: capillary and artery vasodilatation that results in local heat increase
- biostimulation: accelerated tissues repair, stimulation of protein synthesis, ADP production, electrolyte changes in the intra- and extra-cellular fluids and mitosis of fibroblasts, increase of collagen and elastin
- anti-inflammatory effect
- anti-oedema effect: lymphatic drainage stimulation
- analgesic effect

TECHNICAL SPECIFICATIONS

- Power supply: 230 V, 50-60 Hz, ±10%
- Maximum laser output: 500 mW ± 20%
- Adjustable laser power output: 0%-100%
- Laser diode wavelength: 810 nm
- Beam divergence angle: 260 mrad
- Continuous output emission
- Fixed emission frequency
- Fixed width duration
- Continuous or pulse mode of operation
- Pointing red light
- Diode probe (with reserved connection)
- Adjustable therapy time: 0-30 minutes
- Diameter of laser beam: <10 mm
- Dimensions: 300x150x120 mm

MAIN TREATMENTS

- Polyarthrititis - Epicondylitis/Epitrochleitis - Knee pain - Myositis
- Oedema - Sciatalgy/Lumbago - Articular sprains - Chronic Tenosynovitis - Muscle strains - Overcharge pathologies - Ecchymosis - Bursitis - Degenerative arthritis - Adhesive capsulitis - Arthrosis pains - Post-traumatic disorders
- Scars - Rheumatic diseases

I-TECH UT2 - PROFESSIONAL ULTRASOUND THERAPY



• **28358 I-TECH UT2 ULTRASOUND THERAPY - 2 probes**
Professional ultrasound device equipped with 2 handles respectively with 5 cm² and 1 cm² probe. Its equipment and parameters setting allow high performance suitable for professional users.

It is provided with 10 preset programmes within which professional user can adjust following parameters:

- Frequency (1 or 3 MHz)
- Effective intensity (up to 3 W/cm²)
- Duty cycle (10%÷100% stepping 10)
- Therapy time (up to 30 minutes)

TECHNICAL SPECIFICATIONS

Operating voltage: 100-240 V, 47/63 Hz, 1.35A, output 15V 3A max
 Ultrasound frequency: 1 MHz \pm 10% and 3 MHz \pm 10%
 Output power: 0.5-10 W \pm 20% when duty cycle \geq 80% for 5 cm² ultrasound head
 0.5-15 W \pm 20% when duty cycle \leq 70% for 5 cm² ultrasound head
 0.1-2 W \pm 20% when duty cycle \geq 80% for 1 cm² ultrasound head
 0.1-3 W \pm 20% when duty cycle \leq 70% for 1 cm² ultrasound head
 Max Power: 3 W/cm² \pm 20% (1 MHz); 3 W/cm² \pm 20% (3 MHz)
 Working frequency: 100 Hz
 Duty cycle: 10%-100% stepping 10%
 Maximum adjustable therapy time 30 minutes
 Effective radiating area 5 cm² \pm 20%; 1 cm² \pm 20%
 Collimated beam type Ultrasound head (material) aluminium
 Direct contact and water immersion use
 Led indicator Size: 350x186x86 mm

APPLICATIONS

Tendinitis - Bursitis/Capsulitis - Hematomas and tissue reconstruction -
 Muscle contractures/Cramps - Neuralgias - Periarthritis - Cervicalgias -
 Sciatalgy/Lumbalgy - Carpal tunnel syndrome - Epicondylitis/epitrochleitis -
 Contusions/sprains - Chondropathy - Massage - Arms/abdomen/legs/gluteus
 cavitation - Acne

STANDARD ACCESSORIES

1 handle with 5 cm² probe 1 power supply 15 V, 3 A
 1 handle with 1 cm² probe 1 ultrasound gel
 1 power supply cable User manual: GB, IT, ES, FR

GIMA UT AUTOMATIC: ULTRASOUND THERAPY UNIT



• **28310 GIMA UT AUTOMATIC ultrasound therapy unit without head**

Automatic system for ultrasound therapy which can use ultrasound head with oscillation frequency from 1 MHz to 3 MHz. Pulse frequency is 2 pulses/second. Modulation degree is selectable from 10% to 100%, through a digital keyboard. It is provided with digital adjustment of intensity with numeric indication. Maximum output power is: 37.7 W (3 W/cm²). Luminous read-out for distributed power.

Gima UT is recommended for: ultrasound lipoclasia, sports medicine, arthritis, arthrosis, neuralgia and backpain. Supplied with power cord and user's manual. Made in Italy.

• **28312 1 MHz ULTRASOUND HEAD Ø 60 mm**

1 MHz frequency is recommended for physiotherapy.

• **28313 3 MHz ULTRASOUND HEAD Ø 60 mm**

3 MHz frequency is recommended for aesthetics.

TECHNICAL SPECIFICATIONS

Treatment time: programmable from 1 to 30 minutes
 Selectable pulse/time%: 10%-20%-30%-50%-100%
 Pulse frequency: 2 pulses/second Max. intensity: 3 W/cm²
 Operating voltage: 115/230 V - 50/60 Hz - switchable
 Electrical safety class I BF - Norms: EN 60601, EN 60601-2-5

GIMA UTC 2: COMBINED ULTRASOUND AND ELECTROTHERAPY UNIT

• **28301 GIMA UTC 2 AUTOMATIC**

UTC 2 is a programmable driver unit for ultrasound transducers with working frequencies from 1 up to 3 MHz together with 2 channels of electrotherapeutic current. UTC 2 delivers continuous or modulated ultrasound with programmable intensity and delivery time, suitable for thermo therapeutic deep treatment of different pathologic conditions. UTC 2 transducer handpieces can be used under water. UTC 2 delivers Dyadinamic, Faradic, Galvanic, Impulsive, T.E.N.S. and Bipolar electrotherapeutic currents.

- high brightness graphic touchscreen display
- intuitive icons interface
- controls of unit by multifunction knob, keys or touchscreen
- possibility to upgrade
- wide range of preset protocols
- customized programmes
- multi frequency handpieces
- automatic identification of the connected accessory
- continuous or pulsed delivery
- combined with electrotherapy
- sequence of treatment phases planning for each channel
- independent channels
- safety control blocks the output current in case of accidental disconnection of electrodes.

6 language software: GB, FR, IT, ES, DE, PT. Made in Italy.

• **28302 1-3 MHz ULTRASOUND HEAD Ø 15 mm**

• **28303 CONNECTING CABLE for electrotherapy - spare**

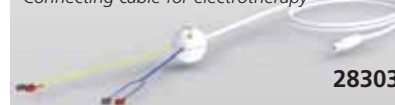
• **28304 CLIP RUBBER ELECTRODES 120x80 mm - box of 12**

• **28305 CLIP RUBBER ELECTRODES 45x60 mm - box of 12**

• **28323 VELCRO ELASTIC BAND 100x8 cm - spare**



Connecting cable for electrotherapy



Standard 1-3 MHz ultrasound head Ø 35 mm



TECHNICAL SPECIFICATIONS

Output frequency (MHz): 1.0 to 3.0 Max output direct current (mA): 30
 Max intensity (W/cm²): 3.0 Max output pulse current (mA): 70
 ET channels: 2 Max output voltage (Vdc): 100
 Electrical input power (VA): 70 Power supply (Vac/Hz): 90-240 / 50-60

STANDARD ACCESSORIES

1-3 MHz ultrasound head Ø 35 mm
 Connecting cable for electrotherapy 1-2 (28303)
 4 rubber electrodes 120x80 mm; 4 rubber electrodes 45x60 mm
 3 velcro elastic belt: 8x40, 8x60, 8x100 cm Power cable 2 m

T-ONE COACH AND T-ONE MEDI SPORT - 4 CHANNELS ELECTROTHERAPY

28401 T-ONE COACH ELECTROTHERAPY - 4 channels

A high performant muscle stimulator designed to improve your physical activity. Thanks to easy to use programs, it represents the ideal device for not professional athletes and for sports lovers in general. It is not only a muscle stimulator equipment. It is supplied by TENS protocols for pain relief and injuries recovery.

28402 T-ONE MEDISPORT ELECTROTHERAPY - 4 channels

Professional equipment specifically designed for sport specialist users. Thanks to its muscle stimulation specialized programs it improves the sport performance. It is not only intended to increase your strength, it helps the recovery of sport injuries with specific treatment protocols.

Main features

- constant current generator (can guarantee a constant current even when skin condition changes, the device automatically stops in the event of accidental electrodes disconnection)
- four independent channels unit (up to 8 connectable electrodes)
- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid polarization effect;
- monophasic wave generator (only for iontophoresis programs)
- 2+2 users programs
- backlight graphic colour display
- user feedback: the device recognizes patient connection
- soft-touch easy to use keyboard
- on-line 5 languages guide (GB, FR, IT, ES, DE) on display for fast instructions
- 4,8 V rechargeable battery pack

Size: 150x90x35 mm



28401

28402

- personalized programs for man and woman
- maximum intensity 240 mApp, with 1 mA step regulation
- 28351 PRE GELLED ELECTRODES 40x40 cm with cable - box of 4
- 28373 PRE GELLED ELECTRODES 45x80 cm with cable - box of 4
- 28381 IONOPHORESIS KIT - spare (1 elastic band, 2 silicone conductive electrodes, 2 sponges)

STANDARD ACCESSORIES

4 connection cables (8 connectable electrodes)
Kit of pre-gelled self-adhesive electrodes (square, rectangular, round)
Ionophoresis kit: elastic belt, 2 silicone electrodes, 2 sponges, carrying bag (28402 only)
Internal Ni-Mh rechargeable battery pack and battery charger
Electrode position manual and user manual (GB, FR, IT, ES). On request DE

BEAUTY 18 programmes 28401 and 28402	REHA 10 programmes only 28402	TENS 16 programmes 28401 and 28402	NEMS 14 programmes 28401 and 28402	MEM Only 28402	2+2 28401 and 28402
Firming up Toning up Definition Modelling Microlifting Lipolysis abdomen Lipolysis thighs Lipolysis glutei and hips Lipolysis arms Tissue elasticity Capillarization Heaviness in legs Face Microlifting Handy Trode Breast Microlifting Handy Trode Décolleté Microlifting Handy Trode Face Wrinkles Handy Trode Forehead Wrinkles Handy Trode Collagen	Ionophoresis L Ionophoresis M Ionophoresis H MENS microcurrent Haematomas Oedema Tens sequential Tens Burst Atrophy prevention Atrophy	Tens rapid Tens endorphinic Tens max values Inflammatory Neck pain Backache/Sciatic pain Sprains/Bruises Vascularization Muscle relaxant Hand and wrist pain Plantar stimulation Epicondylitis Epitroclea Periarthritis Tens Burst Microcurrent	Warming up Resistance Resistance strength Basic strength Fast strength Explosive strength Deep capillarization Muscle recovery Agonist/Antagonist Sequential tonic contractions Sequential phasic contractions Muscle relaxant Deep massage EMS Only 28402 30' Resistance 30' Resistance strength 20' Basic strength 20' Fast strength 20' Explosive strength 20' Hypertrophy	Tens mem 1 Tens mem 2 Tens mem 3 Tens mem 4 Tens mem 5 NEMS mem 1 NEMS mem 2 NEMS mem 3 NEMS mem 4 NEMS mem 5 NEMS alternated NEMS alternated Battery test	Tens rapid Tens endorphinic Firming up Toning up Definition Modelling Microlifting Muscle relaxant Massage Capillarization Only 28402 Inflammatory Resistance, Resistance strength Basic strength, Fast strength Explosive strength, Hypertrophy Face Microlifting Handy Trode Breast Microlifting Handy Trode Décolleté Microlifting Handy Trode Face Wrinkles Handy Trode Forehead Wrinkles Handy Trode

MIO-SONIC ULTRASOUND THERAPY DEVICE - 9 PROGRAMS

28309 MIO-SONIC ULTRASOUND THERAPY

Innovative and high performance device both for home use and professional use. It combines compactness and high performances in a small, light and easy to use applicator. The lightness and handiness allows a continuous use without any difficulty.

Mio Sonic can be used for the following applications:

- pain therapy;
- sport injuries;
- aesthetic treatments.

Supplied with gel bottle, carrying and storage bag, medical power supply and multilanguage manual:
GB, FR, IT, ES. On request DE.



28309

TECHNICAL SPECIFICATIONS

9 programs;
1 MHz ultrasound, maximum output power 6.4 W, maximum intensity 1.6 W/cm²;
Collimated ultrasound beam for an optimal penetration beam;
3 ultrasound beam intensity levels 0,08 W/cm² (low) - 0,8 W/cm² (medium) - 1,6 W/cm² (high);
Medical power supply;
Direct contact device (not suitable for water immersion)
Size-weight: 200x47x69 mm - 190 g



CE 0476

TREATMENTS

Osteoporosis Arthritis Neuralgias Cervicalgias Sciatalgy Sprains Cruralgy Wrinkles	Periarthritis Tendinitis Pubalgy Tallionitis Contusions Chondropathy Microlifting Epitrochleitis	Adhesions Algodystrophy Bursitis Brachialgy Capsulitis Stretch marks Epycondilitis Lymphedema	Muscular contractures Cramps Massage Drainage Modelling Carpal Tunnel Oedema Venous stagnation	Arms cavitation Abdomen cavitation Limb cavitation Gluteus cavitation Lumbalgy Hematoma Acne Phonophoresis
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ORTHOMAG LOW FREQUENCY MAGNETOTHERAPY - 2 PROGRAMMES

- Osteogenesis
- Biostimulation
- Pain management



28298

CE 0476



• **28298 ORTHOMAG low frequency magnetotherapy kit**
A professional low frequency magnetotherapy (PEMF) device that can be used everywhere. Lightweight, comfortable and flexible, fitting your body shape. Battery powered for dynamic use or power socket for use at home or in the office. Orthomag includes 2 programmes (75 Hz and 50 Hz) indicated for bone tissue pathologies, joint diseases and pain management. Up to 25 Gauss per programme. Supplied with rechargeable lithium battery 3.7 V 900 mAh, wall mount charger (cable 1.5 m), universal flexible applicator (cable 1.5 m), test emission magnet, 2 elastic bands (S and L), carrying bag, manual (GB, FR, IT, ES). On request DE.

In motion magnetotherapy



MAG 700 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY

CE 0476



28296

• 28296 MAG 700 MAGNETOTHERAPY - 1 channel

New portable magnetotherapy ideal for home therapy. MAG 700 offers a high level of professional performances and it's indicated for several pathologies.

It allows comfortable home therapy through its basic accessories.

MAG 700 has 7 pre-set programmes for the treatment of several pathologies, 3 programmes identified by the working frequency (from 5 to 20 Hertz) and an Autoscan programme with continuous frequency variation for the treatment of both hard and soft tissues at the same time.

Possibility to adjust the magnetic field intensity for all programmes **up to 70 Gauss**.

Working frequencies are between 5 and 100 Hertz.

Supplied with elastic therapeutic belt with 2 solenoids, power supply, carrying bag and manual (GB, FR, IT, ES).



28296

11 PROGRAMMES

7 pre-set programmes	3 working freq.+autoscan
Osteoarthritis	5 Hz
Osteoporosis	10 Hz
Arthritis	20 Hz
Fractures	
Articular pain	
Muscle pain	
Anti-inflammatory	

MAG 2000 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY

CE 0476



28300

Size:

180x110x50 mm

• 28300 MAG 2000 MAGNETOTHERAPY - 2 channels - 300 Gauss

• 28311 MAG 2000 PLUS MAGNETOTHERAPY - 2 channels - 400 Gauss

Ideal devices for domiciliary and professional magnetotherapy. **35 programmes: 20 pre-set programmes** for the treatment of several pathologies, **14 programmes identified by the working frequency** (from 1 to 100 Hertz) and an **Autoscan** programme with continuous frequency variation for the treatment of both hard and soft tissues at the same time.

MAG2000 PLUS has also the possibility to store **10 user memories**, choosing the frequency up to 120 Hz, intensity and therapy time: a great possibility for the professional user who need to use a specific treatment for each patient. Possibility to set the intensity of magnetic field for all the programmes up to **300 Gauss (150 Gauss each channel)** for MAG 2000 or up to **400 Gauss (200 Gauss each channel)** for MAG 2000 Plus to easily treat different body parts through elastic therapeutic belt with 3 solenoids.

Operating power 110-240 V.

Supplied with elastic therapeutic belt with 3 solenoids, couple of professional solenoids (28311 only), power supply, carrying bag and manual (GB, FR, IT, ES). On request DE.

• **28299 ELASTIC THERAPEUTIC BELT - spare**
Belt with cable with 3 solenoids for low frequency treatments.

• 28316 COUPLE OF PROFESSIONAL SOLENOIDS

Couple of professional solenoids Ø 11 cm for high intensity therapy.



Couple of professional solenoids

35 PROGRAMMES (28300) - 45 PROGRAMMES (28311)			
20 pre-set programmes		14 working freq.+autoscan	
Osteoporosis	Intercostal Contusion	1 Hz	50 Hz
Arthrosis	Lumbalgy	3 Hz	60 Hz
Arthritis	Lumbar pain	5 Hz	70 Hz
Cervical arthrosis	Shoulder arthrosis	10 Hz	80 Hz
Articular pain	Knee arthrosis	15 Hz	90 Hz
Cervical pain	Periarthritis	20 Hz	100 Hz
Sprains	Coxarthrosis	30 Hz	Autoscan
Fractures	Muscular Atrophy	40 Hz	
Epicondylitis	Muscular contracture		
Epitrocleitis	Osteonecrosis		
		10 memories (28311 only)	

OSTEOMAT 2000: MATTRESS FOR LOW FREQUENCY MAGNETOTHERAPY TREATMENTS

• 28307 OSTEOMAT 2000 MATTRESS FOR MAGNETOTHERAPY

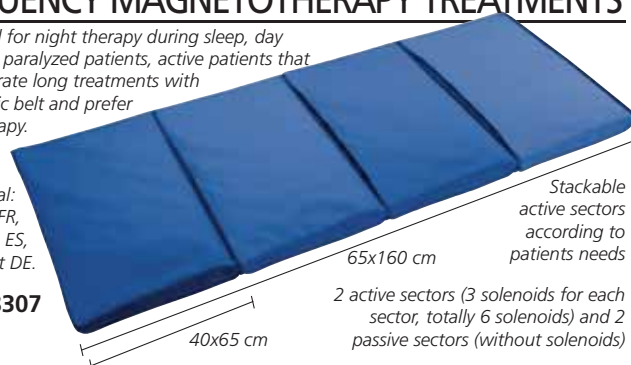
Osteomat has 4 sectors (2 active and 2 passive) linked with velcro straps to create a real mattress. The two active sectors allow the biostimulation of a wide body part through 6 professional solenoids. The two passive sectors create a planar surface where patient can lay down. Each active sector can be personalized according to therapeutic needs by choosing solenoids positions.

The basic configuration of Osteomat 2000 stimulates the body zones (shoulders, column, pelvis) that are more affected by bone mass reduction. This is typical of osteoporosis disease. Suitable for MAG 2000 and MAG 2000 PLUS programmes.

Suggested for night therapy during sleep, day therapy in paralyzed patients, active patients that don't tolerate long treatments with therapeutic belt and prefer night therapy.

Manual:
GB, FR,
IT, ES,
on request DE.

28307



Stackable active sectors according to patients needs

2 active sectors (3 solenoids for each sector, totally 6 solenoids) and 2 passive sectors (without solenoids)

MT BASE: MAGNETOTHERAPY

• 28321 GIMA MT BASE PLUS - magnetotherapy

Magneto Base Plus + is an ELF low frequency magnetotherapeutic unit designed for domiciliary applications. The most important effects of the magnetic fields are: Antiedemigen / Analgesic / Antiphlogistic / Regenerative and have applications in: traumatology, rheumatology, angiology, neurology, dermatology, endocrinology. The magnetic field produced is impulsive. The internal generator produces square waveform electrical current with frequency varying from 10 to 99 Hz and impulse time varying so to obtain a field's intensity determined from 10 to 80 Gauss. Internal sound sensor of magnetic field and safety system in case of short-circuit. Two transducers can be connected at the same time (the field produced by each transducer is half of the total).

• 28322 PLATE TRANSDUCER 70x120 mm - spare

• 28323 VELCRO ELASTIC BAND 100x8 cm - spare

STANDARD ACCESSORIES

Power cable	1 velcro elastic band 100x8 cm
2 plate transducers 80 gauss - 120x70 mm	ABS carrying case
1 velcro elastic band 60x8 cm	Manual (GB, IT)



28321

It is supplied with all accessories in a plastic case.

TECHNICAL SPECIFICATIONS

Waveform: square	Intensity of magnetic field: 80 Gauss (8mT)
Max. ratio emission/pause: 50%	Operating voltage: 230V/50-60 Hz
Selectable magnetic field from 10 to 80 Gauss	Size: 193x138x68 mm
Selectable frequency: from 10 to 99 Hz	Weight: 1 kg
	Safety class: II BF - Norms: EN60601-1 (CEI)

IONO BASE PLUS - GALVANIC IONOPHORESIS

• 28306 IONO BASE - PLUS - 2 channels

Local administration of medicines by ionophoretics, electric osmosis and treatment of hyper hydrosis (sweating disease) and cellulitis. Current generator for hydro galvanization, aesthetic shaping and against cellulitis slight blemish. Microprocessor controlled, with selection of parameters and internal programs. Simple and safe to use, although it maintains characteristics of a professional equipment. Made in Italy.

• 28335 RUBBER ELECTRODES 50x50 mm - box of 10

• 28336 SPONGE BAGS for electrodes 50x50 mm - box of 10

TECHNICAL SPECIFICATIONS

Operating Voltage: 230 V - 50/60 Hz	Size: 138x68x193 mm
Absorbed Max Power: 10 VA	Max Output Current: 20 mA
Safety class: II BF - CE 93/42/EEC. Made in Italy.	

Supplied with ABS case, velcro elastic bands, rubber conductive electrodes 80x120 mm and 50x50 mm and envelopes sponges for electrodes.



28306



INFRARED THERAPY LAMP - 250 W

• 28652 INFRARED THERAPY LAMP - 250 W - desk with table clamp

• 28653 INFRARED THERAPY LAMP - 250 W - trolley

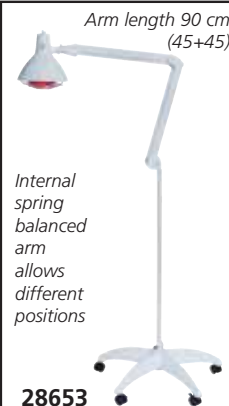
The infrared light relieves the suffering caused by sore muscles and joints ankylosis. The comfortable warmth created by infrared light penetrates deep into the skin, stimulates blood circulation and warms the muscles. While the muscles are relieved, they automatically stretch and relax. At the same time, the blood circulation helps your body get rid of impurities and quickly sends oxygen-rich blood to stressed or aching muscles, causing an effective pain relief. Class II Electric.

• 28654 SPARE BULB - 250 W

Head Ø 21 cm



28652



28653

Arm length 90 cm (45+45)

Internal spring balanced arm allows different positions

INFRAREX: THERAPEUTIC HEATING DEVICE

• 28650 INFRAREX 230 V - 50/60 Hz

• 28651 SPARE BULB 7.5 W

Infrarex is a modern scientifically electronic therapeutic heating device which provides deep, infrared heat that can penetrate far below the surface of the skin to produce a shooting, comforting effect upon the nerves. It relieves muscular tension, reduce inflammation and provides pain relief without medication for many conditions such as: arthritis, bursitis, sinusitis, tennis elbow, back ache, neuralgia, muscular pains, aches, sprains, and other musculoskeletal aches.

Infrarex provides pain relief without medication, you will experience pain relief within 10-15 minutes. No concern for side effects, simple to be used.



MOMERT INFRARED LAMP 100 W

• 28648 MOMERT INFRARED LAMP 100 W

The lamp's deep penetrating infrared heat relaxes the muscles and stimulates the blood circulation. The pleasant heat expands the capillary veins, resulting in a better oxygen and nutrition supply to the tissues. Can be used for rheumatic diseases, allergies, cold diseases, alternative medicine (detoxification), beauty care.

Operating voltage: 230 V - 50 Hz.

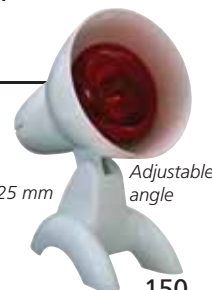
• 28649 SPARE BULB - 100 W Philips

Multilanguage manual and box (GB, FR, IT, ES, PT, DE, HU, SK, LV, CZ, EE, PL, RU, BG).



Box size 185x140x225 mm

28648



Adjustable angle

SMART TENS - EMS

• 28355 SMART TENS

TENS is a therapeutic technique mainly used for analgesic purposes in physiotherapy. Suitable for a wide variety of pain therapies: acute or chronic pain, muscular pain, post-operative pain and also pains caused by pregnancy. It's usually divided according to its action mechanism in tens conventional, tens endorphinic, tens sequential, tens maximum value, tens Burst.

EMS is a stimulating technique activating muscular contractions through electrical impulses.

As in TENS stimulation, impulses are applied to patient through electrodes placed next to the muscles to be treated.

In physiotherapy EMS is used for post-trauma and post-operative muscular rehabilitation and also as a complementary aid in sports activity and aesthetic treatments.

Basic programmes used in TENS treatments together with EMS classic protocols are combined in this product. SMART TENS offers a wide possibility to treat acute and chronic pains (TENS) and muscular strengthening and stimulation (EMS).

Supplied with 2 connection cables for electrodes, 4 pre-gelled electrodes with cable, belt clip, 4xAAA size batteries, user manual (GB, FR, IT, DE, ES) in a carrying bag.

Digital
keyboard



CE 0476



28355

On line quick
guide on display

TECHNICAL SPECIFICATIONS

- combined electrotherapy unit with 2 independent channels
- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid hazardous thermal effect of polarization
- 6 TENS stored programmes
- 5 EMS stored programmes
- 2/120 Hz waveform frequency
- 60 mA maximum intensity
- size: 68x110x31 mm
- 1 TENS free programme
- 1 EMS free programme
- 50/400 μ s width impulse
- power supply 4 batteries AAA Size
- weight: 85 g (without batteries)

GIMA TENS - ELECTRICAL MUSCLE STIMULATORS

Size: 128x56x16 mm
LCD size: 48x25.4 mm
Weight: 67 g

Manual: GB, FR, IT, ES, DE,
PT, GR, PL.

Size: 162x10.7x120 mm
LCD size: 31x37 mm
Weight: 200 g

4 CHANNELS
30 PROGRAMMES

28342



• 28342 GIMA 9 TENS - 2 channels

Pocket TENS with 9 programmes and 2 channels. 9 adjustable intensities.

Relieves muscle pain and stimulates blood circulation.

Frequency: 2-80 Hz.

Supplied in a nylon bag with 2AAA batteries and 4 electrodes.

• 28351 GELLED ELECTRODES 40x40 mm - pack of 4 - spare

• 28343 CABLES - pack of 2 pcs - spare

28365



Manual:
GB, FR, IT, ES, PT.

• 28365 GIMA 30 TENS - 4 channels

Portable electrical muscle stimulator with 4 channels and 30 programmes. Backlit LCD display.

Frequency: 2 to 2000 Hz

Supplied in a nylon bag with 4AA batteries and 8 electrodes

• 28366 ELECTRODES - pack of 8 - spare

• 28367 CABLES - pack of 4 pcs - spare

• 28368 AC ADAPTOR - 230V - 50Hz

DISPOSABLE GELLED ELECTRODES FOR ELECTROTHERAPY



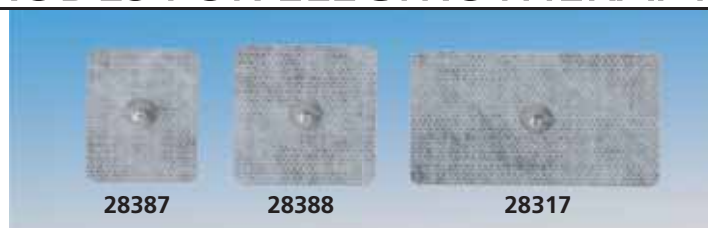
DISPOSABLE GELLED ELECTRODES WITH CABLE - latex free
High material flexibility allows easy application of electrodes on treated areas. Solid gel maintains the electrode adhesion and conductivity unchanged during procedure. The electrodes are equipped with 10 cm long cable, with 2 mm socket.

• 28384 GELLED ELECTRODES with cable 45x35 mm - bag of 4

• 28351 GELLED ELECTRODES with cable 40x40 mm - bag of 4

• 28372 GELLED ELECTRODES with cable 46x47 mm - bag of 4

• 28373 GELLED ELECTRODES with cable 45x80 mm - bag of 4



DISPOSABLE GELLED ELECTRODES AND ADAPTORS - latex free
High material flexibility allows easy application of electrodes on treated areas. Solid gel maintains the electrode adhesion and conductivity unchanged during procedure.

• 28387 GELLED ELECTRODES 45x35 mm - bag of 4

• 28388 GELLED ELECTRODES 46x47 mm - bag of 4

• 28317 GELLED ELECTRODES 45x80 mm - bag of 4

• 28390 2 mm CLIP ADAPTORS - black - box of 10

• 28391 2 mm CLIP ADAPTORS - red - box of 10

• 28392 4 mm CLIP ADAPTORS - black - box of 10

• 28393 4 mm CLIP ADAPTORS - red - box of 10

ADAPTORS



28390

28393

MIO-CARE - 2 CHANNEL TENS

- 28370 MIO-CARE TENS - 20 medical programmes
- 28376 MIO-CARE FITNESS - 55 programmes (20 medical + 15 beauty + 20 fitness programmes)
- 28377 MIO-CARE PRO - 63 programmes (14 medical + 15 beauty + 21 fitness + 13 free memories)

- 2 independent channels stimulator
- compensated biphasic square wave: avoids hazardous thermic effect of polarization
- easy to use, digital keyboard
- remaining therapy time and programmes instruction shown on graphic display
- internal rechargeable battery pack
- maximum intensity 200 mA
- compliance with 93/42/EEC MDD

Supplied in a carrying bag with 2 connection cables with splitters, user manual (GB, FR, IT, DE, ES), 8 adhesive pads, internal rechargeable battery with battery charger.

- 28372 GELLED ELECTRODES with cable 46x47 mm - bag of 4
- 28373 GELLED ELECTRODES with cable 45x80 mm - bag of 4

CE 0476

20 PROGRAMMES
300 APPLICATIONS



28370

55 PROGRAMMES
500 APPLICATIONS



28376

50 PROGRAMMES
13 FREE MEMORIES



28377

14 MEDICAL PROGRAMMES (all)		15 BEAUTY PROGRAMMES (28376, 28377)		20 FITNESS PROGRAMMES (28376, 28377)	
Tens conventional (rapid)	Vascularization	Firming up - upper limbs and trunk	Lipolysis - thighs	Warming up	Deep capillarization
Tens endorphinic (delayed)	Muscle relaxant	Firming up - lower limbs	Lipolysis - glutei and hips	Resistance-upper limbs and trunk	Muscle recovery
Tens maximum values	Hand and wrist pain	Toning up - upper limbs and trunk	Lipolysis - arms	Resistance-lower limbs	Agonist - antagonist
Inflammatory	Plantar stimulation	Toning up - lower limbs	Tissue elasticity	Resistant strength - upper limbs and trunk	Sequent. tonic contract. - upper limbs and trunk
Neck pain/cervicogenic headache	Epicondylitis	Definition - upper limbs and trunk	Capillarization	Basic strength - upper limbs and trunk	Sequential tonic contractions - lower limbs
Backache/sciatic pain	Epitroclea	Definition - lower limbs	Heaviness in legs	Fast strength - lower limbs	Sequential phasic contract. - upper limbs and trunk
Sprains/bruises	Periarthritis	Modelling		Explosive strength - upper limbs and trunk	Sequential phasic contractions - lower limbs
+6 MEDICAL PROGRAMMES (28370, 28376)		Microcurrent		Explosive strength - lower limbs	Deep massage
Haematomas	Microcurrent	Stress incontinence		+1 FITNESS PROGRAMME (28377 only)	
Atrophy prevention	Stress incontinence	Urgency incontinence		EMS	
Atrophy (trophism rehabilitation)	Urgency incontinence				

I-TECH PHYSIO PROFESSIONAL 2 CHANNELS STIMULATOR

- 28382 I-TECH PHYSIO PROFESSIONAL STIMULATOR
- Professional stimulator with 2 independent channels
- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid hazardous thermal effect of polarization
 - monophasic square wave
 - incontinence and ionophoresis programmes
 - denervated treatment
 - programmable TENS - EMS memories
 - adjustable frequency, width impulse, time, ramp
 - remaining therapy time and programmes instructions shown on the LCD

- maximum intensity 200 mApp;

Can use same gelled electrodes with cable as Mio-Care

- 28381 IONOPHORESIS KIT - spare

(1 elastic band, 2 silicone conductive electrodes, 2 sponges)

Supplied in a carrying bag with:

- rechargeable battery and battery charger
- 1 set of 4 pregelled electrodes 48x48 mm
- 1 set of 4 pregelled electrodes 50x90 mm
- 2 silicon conductive electrodes 60x90 mm
- 2 sponges 70x100 mm
- 1 elastic belt for electrodes fastening
- 2 cables, 2 mm connection male plug
- 4 cable splitter 2 mm male and female plug

User manual (GB, FR, IT, ES)



Backlit display

CE 0476



Digital easy to use keyboard

PROGRAMMES:
21 NEMS
15 BEAUTY
27 REHABILITATION
14 TENS
9 UROLOGY
13 FREE MEMORIES

MIO IONOTENS, 2 CHANNELS

- 28380 MIO-IONOTENS 37 programmes

2 channel stimulator for the customers who need an easy to use device with high output power and a complete list of TENS programmes, rehabilitation programmes and free memories. Portable and easy to use device with backlit display and digital keyboard. It is equipped with internal rechargeable battery (long-lasting) and belt clip. MIO-IONOTENS has 14 TENS programmes, 10 rehabilitation programmes including 3 ionophoresis treatments and 13 free memories (adjustable frequency, width impulse and time). Supplied in a carrying bag, with 2 cables, ionophoresis kit, 1 set of 4 pre-gelled electrodes (41x41 mm), 1 set of 4 pre-gelled electrodes (40x80 mm), belt clip, internal rechargeable battery, battery charger, user manual (GB, FR, IT, ES).

- 28381 IONOPHORESIS KIT - spare

(1 elastic band, 2 silicone conductive electrodes, 2 sponges)

CE 0476



28380

LATEX-FREE RESISTIVE EXERCISE BANDS

Latex-free bands available in 7 colour-coded levels of resistance and 3 lengths (1.5, 5.5 and 45 m).

These reliable and effective bands are ideal to improve strength, range of motion.

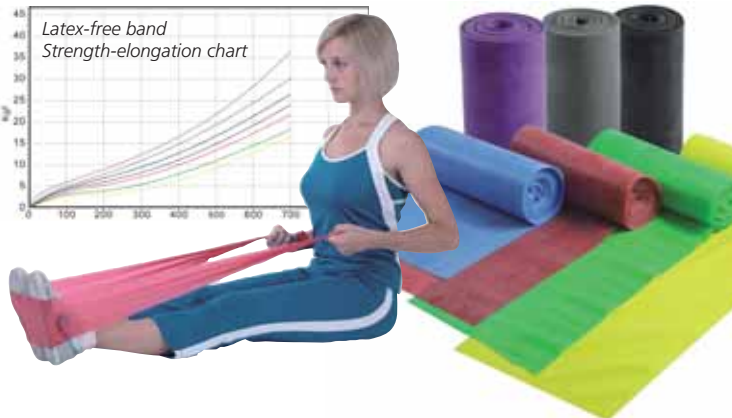
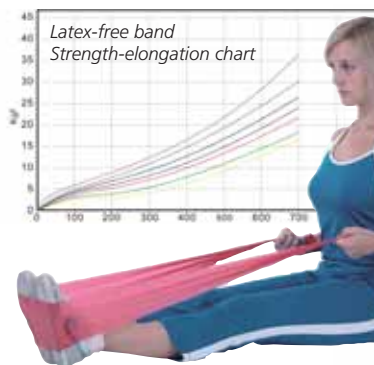
Use of these bands for resistive exercise provides force on the muscles.

Excellent for upper and lower body therapy.

Latex-Free Exercise Bands provide the same benefits as regular bands.



Latex-free exercise bands - 1.5 m



GIMA Code	LATEX FREE EXERCISE BANDS - 1.5 m	
47000	Latex-free band 1.5 m x 14 cm x 0.20 mm	Yellow
47001	Latex-free band 1.5 m x 14 cm x 0.25 mm	Light Green
47002	Latex-free band 1.5 m x 14 cm x 0.30 mm	Red
47003	Latex-free band 1.5 m x 14 cm x 0.35 mm	Blue
47004	Latex-free band 1.5 m x 14 cm x 0.40 mm	Black
47007	Set of 5 latex-free bands (1x5 levels) 1.5 m x 14 cm mix	
LATEX FREE BANDS - 5.5 m		
47010	Latex-free band 5.5 m x 14 cm x 0.20 mm	Yellow
47011	Latex-free band 5.5 m x 14 cm x 0.25 mm	Light Green
47012	Latex-free band 5.5 m x 14 cm x 0.30 mm	Red
47013	Latex-free band 5.5 m x 14 cm x 0.35 mm	Blue
47014	Latex-free band 5.5 m x 14 cm x 0.40 mm	Black
47015	Latex-free band 5.5 m x 14 cm x 0.50 mm	Grey
47016	Latex-free band 5.5 m x 14 cm x 0.60 mm	Purple
LATEX FREE BANDS - 45 m		
47020	Latex-free band 45 m x 14 cm x 0.20 mm	Yellow
47021	Latex-free band 45 m x 14 cm x 0.25 mm	Light Green
47022	Latex-free band 45 m x 14 cm x 0.30 mm	Red
47023	Latex-free band 45 m x 14 cm x 0.35 mm	Blue
47024	Latex-free band 45 m x 14 cm x 0.40 mm	Black



LATEX TONE LOOPS

• 47040 SET OF 4 TONE LOOPS

The closed-loop flat band fits comfortable around the upper and lower legs.

It helps to exercise the muscles of hips and legs.

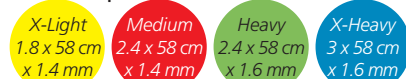
Set includes 4 below loops: each in a different colour-coded level.

Tone loop 18 mm x 58 cm x 1.4 mm

Tone loop 24 mm x 58 cm x 1.4 mm

Tone loop 24 mm x 58 cm x 1.6 mm

Tone loop 30 mm x 58 cm x 1.6 mm



47040

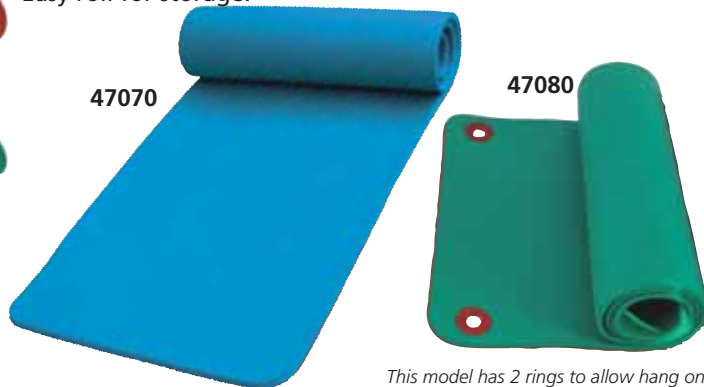
EXERCISE MATS

• 47070 EXERCISE MAT 180x60xh 1.6 cm - light blue

• 47080 EXERCISE MAT WITH HANG RING - 180x60xh 1.6 cm - green

Thick mats with sponge-like foam structure offer comfortable feeling. The closed-cell foam structure resists moisture.

Easy roll for storage.



This model has 2 rings to allow hang on the wall or on the rack

RESISTIVE EXERCISE TUBING

Tubing is an affordable and convenient training tool which provides effective upper and lower-body workout.

Elastic properties for resistive and strengthening exercise.

Latex exercise tubing



GIMA Code	LATEX EXERCISE TUBING	Thickness	Strength	Length
47060	Latex tube	1.5 mm	Yellow	25 m
47061	Latex tube	2 mm	Light Green	25 m
47062	Latex tube	2.5 mm	Red	25 m
47063	Latex tube	3 mm	Blue	25 m
47064	Latex tube	3.5 mm	Black	25 m

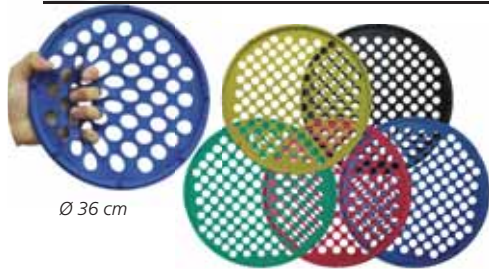
Available also with two pre-attached durable foam covered handles for comfort and grip.

5 colour-coded resistance levels available.



GIMA Code	LATEX TUBE WITH TPR HANDLES	Strength	Length
47050	Latex tube with TPR handles	Yellow	125 cm
47051	Latex tube with TPR handles	Light Green	125 cm
47052	Latex tube with TPR handles	Red	125 cm
47053	Latex tube with TPR handles	Blue	125 cm
47054	Latex tube with TPR handles	Black	125 cm

HAND/FINGER/WRIST EXERCISERS



Ø 36 cm

- 47130 GRIP TRAINER - X-light
 - 47131 GRIP TRAINER - light
 - 47132 GRIP TRAINER - medium
 - 47133 GRIP TRAINER - heavy
 - 47134 GRIP TRAINER - X-heavy
- Releases typing and mousing tension. Improves hand and finger flexibility. Excellent for finger and wrist strengthening and rehabilitation.



- 47170 TPR FLEX BAR - light
 - 47171 TPR FLEX BAR - medium
 - 47172 TPR FLEX BAR - heavy
- Flex bar is a flexible, durable resistance device with ridge surface for enhanced grip during use. It is used to improve grip strength by bending, twisting or vibrating.



- 47160 SET OF 3 FINGER EXERCISERS
- Unique design for rehabilitation, excellent stress-reliever for users. Simply insert fingers into circles and stretch. Multiple resistance level available, set of light, medium and heavy resistance.



- 47180 POWER GRIP - light
 - 47181 POWER GRIP - medium
 - 47182 POWER GRIP - heavy
- Develop finger flexibility, strength and coordination. Increase hand, wrist and forearm strength. Improve the injured finger recovery.



- 47140 SQUEEZE EGG - X-soft
 - 47141 SQUEEZE EGG - soft
 - 47142 SQUEEZE EGG - medium
 - 47143 SQUEEZE EGG - firm
 - 47144 SQUEEZE EGG - X-firm
- These gel-filled eggs offer variable resistance training for hands and fingers. Help grip strengthening and reduce stress.



- 28790 HAND GRIP METER - plastic
- Indicator remains at maximum until reset and is calibrated 0-75 kg. Size 20x15 cm. Sold in a blister. Manual in: GB, FR, IT, ES.

BALANCE AND WEDGE CUSHION



47090

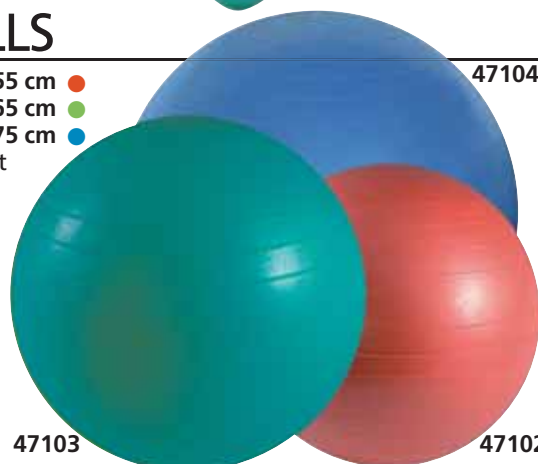


47095

- 47090 BALANCE CUSHION
 - 47095 WEDGE CUSHION
- Non allergic, non toxic air filled cushions made of soft, pliable material free of latex, PVC, phthalates and chloride. Both have two surfaces: smooth and bubbled which provide two kinds of user experience. Great for improving intramuscular coordination as well as balance training ergonomic sitting and rehabilitation.

RESISTANT BALLS

- 47102 BURST RESISTANT BALL - Ø 55 cm
 - 47103 BURST RESISTANT BALL - Ø 65 cm
 - 47104 BURST RESISTANT BALL - Ø 75 cm
- Designed for dynamic workouts that incorporate moderate level of resistance. Deflate slowly if punctured. 300 lb burst resistance level.

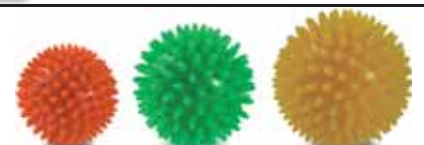


136 kg burst resistance level

47103

47102

MASSAGE BALLS



- 47120 MASSAGE BALLS
- Set of 3 massage balls Ø 6, 7, 8 cm



NASAL WASH



28083

28084

- **28083 SINUS C SALINE NASAL SPRAY**
20 ml - for children - box of 48
 - **28084 SINUS A NASAL WASH** - for adult - bottle 120 ml + 12 saline sachets
- Nasal wash helps to remove the sinus symptoms such as runny nose, nasal dryness and nasal congestion. By performing a nasal wash, you can remove particles such as pollen and dust in order to reduce the mucous membranes inflammation and make it more resistant to allergies.

HUMI-RAINBOW

Mist output can be adjusted in direction (360° rotative head) and speed (adjustable knob)



28070

- **28070 HUMI-RAINBOW HUMIDIFIER**
A cold-mist ultrasonic humidifier with an attractive design and cromatic 7-led colours change
- **28071 BALSAMIC ESSENCE** - pine
- **28072 BALSAMIC ESSENCE** - citrus

TECHNICAL SPECIFICATIONS

Power feeding: AC 110-240V / 50-60 Hz
Max mist output: 280 ml/h
Water Tank capacity: 2.8 l
Suitable for room size: min 10, max 25 m²
Max operating hours (non-stop): 10 hours
Size (individual box): Ø 19x 30 cm - Weight: 1.4 kg

The rear compartment can accomodate balsamic essences



VAPINAL INHALER

Bottle not included



Carrying handle
Steam nebulizer with adjustable position

CE 0123

- **28110 VAPINAL THERMAL WATER INHALER**
Warm jet mineral water inhaler ideal for home spring water inhalation treatment. It delivers hot humid steam through a nozzle working with the Venturi system and mixing the steam with the principles of thermal water. Equipped with stainless steel boiler working with resistance at 230V-50 Hz. Supplied with polycarbonate ampulla. Made in Italy.
- **28112 VAPINAL AMPULLA** - spare part

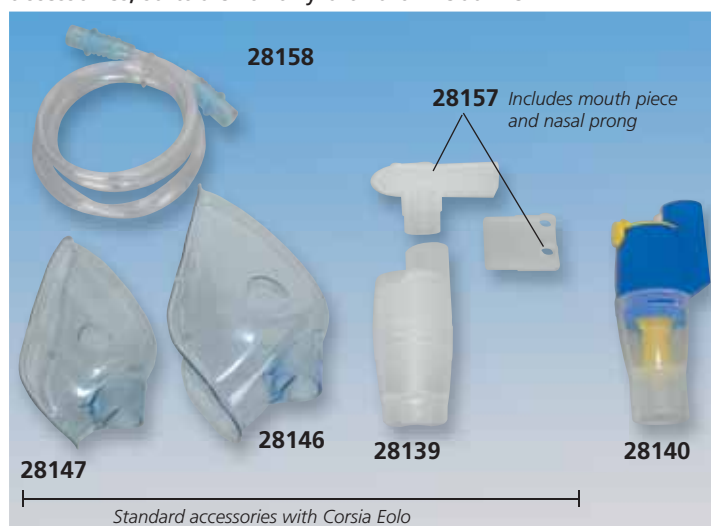
TECHNICAL SPECIFICATIONS

Capacity: 800 ml
Steam boiler in stainless steel
Security valve and thermostat
Operating voltage: 230 V - 50 Hz - 600 Watt
Heating time: 5-8 min
Inhalation time (for 1 l): 12-15 min

ACCESSORIES FOR ANY BRAND OF NEBULIZER

ACCESSORIES FOR NEBULIZER

Gima offers different nebulizer bulbs with their line of accessories, suitable for any brand of nebulizer.



28158

28157 Includes mouth piece and nasal prong

28146

28139

28140

28147

Standard accessories with Corsia Eolo

GIMA code	NEBULIZER ACCESSORIES	To be used with
Standard accessories with Famiglia, Corsia, Eolo		
28158	PVC connection tube - 1m	all nebulizers
28139	Nebulizer bulb	all nebulizers
28146	Facemask - adult* - replaces 28143	bulb 28139/28140
28147	Facemask - paediatry* - replaces 28144	bulb 28139/28140
28157	Mouthpiece - nasal prong	bulb 28139/28140
28138	Nebulizer kit adult and pediatric facemask, pvc-tube, bulb, nasal prong, mouthpiece	all nebulizers
28140	Nebulizer bulb	all nebulizers

*With elastic

FASTERJET BULB

with Valve System

A new designed Jet Nebulizer capable of delivering any medication in a very short time with a high amount of respirable particles. The Valve System makes therapy extremely efficient by reducing the amount of wasted medication while optimizing the output to the patient.

TECHNICAL SPECIFICATIONS FASTERJET

Capacity: 16 ml
Respirable volume: <5 µm 80%
Residual volume: 0.8 ml
MMAD (Mass Median Aerodynamic Diameter): 2.7 µm

Fasterjet bulb:
For delivering any medication in a very short time

28163 + 28165



28164

28166

28168

28169

28145

GIMA code	NEBULIZER ACCESSORIES	To be used with
28163	Fasterjet bulb* with Valve System	all nebulizers
28164	Nebjet bulb ** with Double Venturi Effect	all nebulizers
28165	Mouthpiece bi-valve	bulb 28163
28166	Mouthpiece	bulb 28164, 28163
28167	Nasal Prong	bulb 28164, 28163
28168	Facemask-adult***	bulb 28164, 28163
28169	Facemask-pediatry***	bulb 28164, 28163
28145	Filter - spare	28130/1/2/3/4/5

* Standard with Happyneb II, Hospyneb

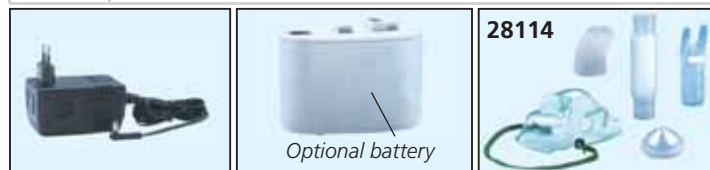
** Standard with Happyneb I, III, Betaneb

***Without elastic

FAMILY AND PINGOO ULTRASONIC NEBULIZERS



GIMA code	ULTRASONIC NEBULIZERS
28106	Family ultrasonic nebulizer
28117	Pingoo ultrasonic nebulizer
28113	Re-chargeable battery Ni MH 12 VDC - Family - optional
28115	Re-chargeable battery Ni MH 12 VDC - Pingoo - optional
28114	Spare Kit: includes adult and paediatric facemask, nasal prong, mouthpiece and tube
28121	Medication cups Family (box of 15 pcs.)
28122	Medication cups Pingoo (box of 15 pcs.)



ULTRASONIC NEBULIZERS

Thanks to the innovative electronic technologies these easy-to-use ultrasonic nebulizers provide a quiet, fast and portable operation with optimal particle size.

Portable: small and lightweight, it allows patients to perform treatments anytime and anywhere.

Optimal particle size: particle size determines the extent to which the medication can be inhaled by the patient into the deep lung tissue.

Approx 90% of particles generated by Family or Pingoo have the optimal 1-5 μ (microns) size.

Fast treatment: with its high-efficiency design, it allows a quick treatment time, most within 6 minutes, with limited power consumption.

Low noise level: treatments are not only fast but are virtually silent due to its advanced ultrasonic technology.

Rechargeable battery - optional

8 languages user

manual: GB, FR, IT, DE, ES, PT, GR, SA.



28106

TECHNICAL SPECIFICATIONS

Operating voltage: 220-240 V 50/60 Hz Power: 10 W
 Ultrasonic frequency: 2.5 MHz
 Nebulization time: 0.2-0.7 ml/min depending on medication density
 Medication cups capacity: max 8 ml Family, max 4.5 ml Pingoo
 Automatic switch-off
 Particle size: 5 μ (microns) average
 Three programmable flow levels
 Noise level: <40 dB



STANDARD ACCESSORIES

Adult facemask (only Family)
 Paediatric facemask
 Nasal prong, Mouthpiece
 Connection tube
 Medication cups
 Transformer (220-240V-12V DC)
 Carrying bag
 User manual

MESH NEBULIZER

- 28075 MESH NEBULIZER
- 28078 MESH 2 NEBULIZER since 2018

Small, handy, lightweight nebulizer for the treatment of respiratory diseases such as asthma, allergies, ...

Can operate with 2xAAA standard batteries or optional AC adaptor 100x240 V.

- maximizes the benefits of medicine
- portable, handheld design (only 120 mm height)
- ultra-low noise and ultra-light design
- one-button operation for easy use
- for adult and child: noiseless use and compact design allow to make inhalation even while children are sleeping

- multilanguage box: GB, IT, FR, ES
 Supplied with cover*, connector*, adult and child mask, mouthpiece, 2xAAA batteries, carrying bag, manual (GB, IT, FR, ES)

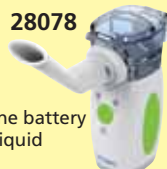
• 28076 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece and connector) - spare for 28075

• 28077 AC-DC ADAPTER 100-240 V - optional

• 28079 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece) - spare for 28078

TECHNICAL SPECIFICATIONS

Power supply: 2xAAA batteries or adapter (AC-DC 3V 1A) - 2 W
 Ultrasonic frequency: approximately 140kHz
 Nebulizer rate: ≥ 0.2 ml / min
 Max. / min. liquid volume: 8ml / 0.5ml
 MMAD: approximately 5 μ m
 Nebulizing head life: 180 hours
 Battery life: 90 minutes with two AA alkaline battery
 Automatic shutdown: automatic shutdown without liquid
 Safety level: Type B, Class II



28078

*Only 28078

MYNEB NEBULIZER

- 28073 MYNEB NEBULIZER - piston

Compact, fast and silent nebulizer. Suitable for the treatment of the respiratory tract diseases, bronchial and asthmatic diseases, allergies. Ideal for nebulizing any medicine, ever oily ones such as cortisones essentials oils, and active ingredients with solid elements (suspensions).

Supplied with carrying bag, fasterjet bulb, adult and pediatric mask, air tube, mouthpiece and nosepiece.

Multilanguage box and manual: GB, FR, IT, ES, DE. Class IIa.

Made in Italy.

- 28093 FILTER - spare - box of 3

COMPACT
SILENT



TECHNICAL SPECIFICATIONS

AC adapter: input 100-240 V - 50/60 Hz - 0,6 A
 output 12 V - DC 2A
 Operating cycle: 30/30 min. ON/OFF
 Noise level: 51 dB
 Nebulization rate: 0.45 ml/min with NaCl 0.9%
 Air Flow: 12 l/min
 Max pressure: 165 kPa/1.65 bar
 Particle size: 75% < 5 μ m (NaCl 0.9%)
 Size and weight: 132x140x60 mm - 450 g

HAPPYNEB NEBULIZERS FOR DOMESTIC USE - PISTON

- **28132 HAPPYNEB II NEBULIZER - piston 230V- Faster-Jet**
 - **28135 HAPPYNEB III NEBULIZER - piston 230V**
- Happyneb stylish and portable piston nebulizer for a quick and efficacious aerosol therapy.
Made in Italy.
Reliable, practical and safe.
Noiseless and lubrication free.
Unit includes an air filter to be replaced every 70 applications, and handle for easy carrying.
It is built in accordance with European Standard EN 60601-1.
5 languages box and manuals:
GB, FR, IT, ES, DE

- **28145 FILTER - spare**

28135

NEBULIZER TECHNICAL DATA		
	Happyneb III with Nebjet	Happyneb II with Fasterjet
Capacity:	12 ml	16 ml
Respirable volume < 5 µm	75%	80%
MMAD (Mass Media Aerodynamic Diameter)	2.32 µm	2.7 µm
Neb rate	0.45 ml/min	0.60 ml/min
Residual volume	0.7 ml	0.7 ml
STANDARD ACCESSORIES		
Adult and pediatric face mask	Mouthpiece	
Nasal prong	Fasterjet bulb (28132 only)	
Connection tubing	Nebjet bulb (28135 only)	

FASTER-JET BI-VALVE BULB FOR A QUICKER DELIVERY OF PARTICLES

28132

Faster-jet bulb
Nebulizing time: 1 cc
about 3 minutes

TECHNICAL SPECIFICATIONS

	28132 - HAPPYNEB II	28135 - HAPPYNEB III
Voltage:	230V/50 Hz	
Maximum pressure:	280 kPa	250 kPa
Operating pressure:	110 kPa	90 kPa
Air flow:	15 l/min	14 l/min
Dimensions:	31x22x13 cm	
Weight:	2.3 kg	2 kg
Noise level	58 db	58 db
Temporary use:	Continuous use	30/30 min ON/OFF
Class of risk - norms	IIa - Class II, Type B	

ATOMIZER 2 SPEEDS, PISTON NEBULIZER FOR FAMILY USE

- **28094 ATOMIZER NEBULIZER - 2 speeds**
- Piston-type compressor with 2 speeds for family use.
With accessory compartment separated from cord compartment for improved hygiene. Made in Italy.

- **28093 FILTER - spare - box of 3**

TECHNICAL SPECIFICATIONS

Operating voltage:	230 V - 50 Hz
Operating cycle:	continuous
Operating pressure:	speed 1: 45 kPa - speed 2: 60 kPa
Air Flow:	speed 1: 8 l/min - speed 2: 11 l/min
Nebulization rate:	speed 1: 0.2 ml/min - speed 2: 0.35 ml/min
Particle size:	80% < 5 µm
Max pressure:	1.85 bar / 185 kPa
Weight:	1.4 kg
Noise level:	56 db

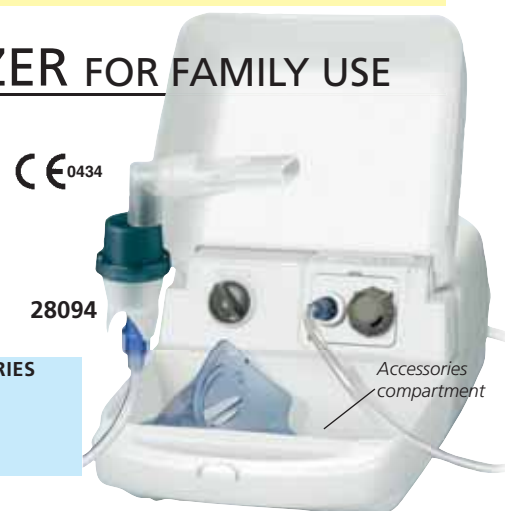
Class of risk: IIa



Standard accessories

STANDARD ACCESSORIES

Nebjet bulb with connector
Adult and child mask
Mouth piece and nose piece
Air tube and 3 air filter



28094

Accessories compartment

EOLO NEBULIZER - PISTON

CE 0476

- **28097 EOLO NEBULIZER - piston**
 - **28091 EOLO NEBULIZER - piston - UK plug**
- Innovative, portable, easy to use nebulizer for home use, recommended to nebulize antibiotics and bronchodilator drugs. Plastic body with high thermal insulation. Supplied with adult and pediatric face mask, bulb, mouthpiece, air tubing, air filter. Multilanguage user manual (GB, FR, IT, DE, ES, PT, RU).
Made in Italy.

- **28095 FILTER - box of 20 pcs.**

TECHNICAL SPECIFICATIONS

	28097 EOLO	28102 MISTRAL
Operating voltage:	230V - 50/60Hz - 170VA 110V or 60Hz on request	230V/50 Hz - 170VA
Operating pressure:	1.1 bar	1.1 bar
Air flow:	14 l/min	14 l/min
Nebulization rate	0.4 ml/min	0.35 ml/min
Particle size	< 5 µm	< 5 µm
Max Pressure:	2.5 bar	2.5 bar
Dimensions:	22x14.5x12 cm - 1.7 kg	13x8.9x14.6 cm - 1.5 kg
Noise level (EN 13544-1)	55 db	60 db
Class of risk	IIa	IIa
Norms:	insulation class, Type B	insulation class, Type BF
Origin:	Italy	Italy

28097



MISTRAL NEBULIZER - PISTON

- **28102 MISTRAL NEBULIZER - piston**
- Compact portable nebulizer for home use.
Duty cycle: 20 min on / 40 min off
Supplied with Hi Flo bulb, adult and pediatric mask with string, mouthpiece, nosepiece, air tubing and air filter.

- **28088 FILTER - box of 20**

CE 0476



28102

NEBULIZERS FOR PROFESSIONAL AND HOSPITAL USE


28089

Nasaljet is a quick effective nasal irrigation device for rinsing the nasal and rhino-pharyngeal cavities


28090
**CONTINUOUS
USE COMPRESSOR**

PROFESSIONAL NEBULIZERS

Piston compressor nebulizers for professional and home care use. They embody all the dictates of modern aerosol therapy techniques. Reliable and simple to use, also by inexperienced users. Manual: GB, FR, IT, DE, ES. Made in Italy.

GIMA code	PROFESSIONAL NEBULIZER	Voltage
28134	HOSPYNEB PROFESSIONAL	230 V - 50/60 Hz
28137	HOSPYNEB PROFESSIONAL	110 V - 60 Hz
28090	COMP-A NEB PROFESSIONAL	230 V - 50 Hz
28089	NASALJET	-
28176	COMPRESSOR - spare for 28134	230 V - 50/60 Hz
28145	FILTER - spare	

• 28105 CORSIA PROFESSIONAL NEBULIZER - piston

• 28092 CORSIA PROFESSIONAL NEBULIZER - piston - without manometer

Piston-type compressor nebulizers designed for continuous use. High performance with any type of drug, ideal for intensive hospital and clinic use. Recommended for atomizing antibiotics and bronchodilator drugs. Manufactured with high thermal


28105
**CONTINUOUS
USE COMPRESSOR**

CE 0476

and electric insulation plastic chassis in accordance with the latest European Safety regulations. The oil-free piston compressor has long durability and is equipped with the highly efficient HI-FLO jet nebulizer to guarantee quick and accurate drug delivery. Easy to handle and transport.

• 28104 FILTER - spare - box of 2

TECHNICAL SPECIFICATIONS

Operating Voltage: 220-230 V - 50/60 Hz
 Power consumption: 184 VA
 Max pressure: 250 kPa (2.5 bar)
 Air flow: 16 l/min
 Operating pressure: 130 kPa (1.30 bar)
 Operating air flow: 5.2 l/min at 130 kPa
 Nebulization rate: 0.50 ml/min with 4 ml solution
 MMAD: 3.25 µm GSD: 3.45
 Size: 255x190x105 mm Weight: 2.2 kg
 Noise level: approx 57 db Made in Italy

STANDARD ACCESSORIES

HI-FLO Jet bulb Mouthpiece
 Adult and child mask Air tube and air filter
 Multilanguage user manual: GB, FR, IT, ES, DE, PT

28092


NEBULIZER FOR INTENSIVE HOSPITAL USE

• 28060 CLINIC-AIR NEBULIZER - piston

High performing piston nebulizer for administration of any kind of drug, ideal for intensive hospital and clinical use. Its structure is made of a high thermal and electrical insulated plastic in accordance to safety European standards. Long life dry piston compressor and bulb with a valve system that allows to adjust the nebulization speed.

Class IIa - Insulation class (EN60601-1): Class II Type B.

TECHNICAL SPECIFICATIONS

Operating Voltage: 230 V - 50/60 Hz
 Max pressure: 250 kPa (2.5 bar)
 Operating pressure: 130 kPa (1.30 bar)
 Nebulization rate:
 Power consumption: 110 VA
 Air flow: 16 l/min
 Operating air flow: 5.2 l/min at 130 kPa

Made in Italy

• 28062 BULB - spare

• 28063 FACE MASK - adult - spare

• 28064 FACE MASK - pediatric - spare

• 28104 FILTER - spare - box of 2

STANDARD ACCESSORIES

Bulb with valve
 Mouthpiece
 Adult and child mask
 Air tube and air filter
 Multilanguage user manual: GB, FR, IT, ES, DE


28060

MEDICAL GRADE SILICONE TUBES FOR EXTERNAL USE



SILICONE TUBES for external medical use - silicone 100%
Suitable for autoclaving (135°C - 2.2-2.5 bar) and Gamma Sterilization. Resistant to hot air up to 200°C.
Infra-red vulcanization.
Hours treatment at 200°C temperature in special oven.
Anti-adherent, avoid incrustation and coagulation.
Medical Grade - Transparent - Odourless

TECHNICAL SPECIFICATIONS

Raw material: HTV-R-401/60 S - WACKER (D)
Colour: translucent
Hardness: 60° ±5% Shore - DIN 53505
Density: 1.17 g/ccm - DIN 53479A
Tensility: 10.8 N/mm² - DIN 53504 S1
Stretch: 490/530% - DIN 53504S1
Tear resistance: 34-35 N/mm - ASTM D 624 B
Reverse pull elasticity: 51% - DIN 53512
Compression set: (22h/175°C): 30-15% - DIN 53517

Made in European Union according to: US PHARMACOPEIA XXI
EUROPEAN PHARMACOPEIA DIN 58367 - DIN 58362 - DIN 13098- FDA 177.2600 - BGA XV part A and B - BGA IX part B

MADE TO ORDER SILICONE TUBES
We can manufacture any size
(minimum order 500 m - delivery 30 days)



GIMA code	Internal diameter x external diameter	Thickness mm	Minimum order
25450	1x3 mm	1 mm	roll of 100 m
25451	2x4 mm	1 mm	roll of 100 m
25452	3x5 mm	1 mm	roll of 100 m
25453	4x6 mm	1 mm	roll of 100 m
25455	6x8 mm	1 mm	roll of 30 m
25458	3x6 mm	1.5 mm	roll of 30 m
25459	4x7 mm	1.5 mm	roll of 30 m
25460	5x8 mm	1.5 mm	roll of 30 m
25461	6x9 mm	1.5 mm	roll of 30 m
25462	7x10 mm	1.5 mm	roll of 30 m
25466	4x8 mm	2 mm	roll of 30 m
25467	5x9 mm	2 mm	roll of 30 m
25468	6x10 mm	2 mm	roll of 30 m
25469	8x12 mm	2 mm	roll of 30 m
25470	10x14 mm	2 mm	roll of 30 m
25474	5x10 mm	2.5 mm	roll of 30 m
25475	7x12 mm	2.5 mm	roll of 30 m
25476	8x13 mm	2.5 mm	roll of 30 m
25477	10x15 mm	2.5 mm	roll of 30 m
25480	6x12 mm	3 mm	roll of 30 m
25481	7x13 mm	3 mm	roll of 30 m
25482	8x14 mm	3 mm	roll of 30 m
25483	9x15 mm	3 mm	roll of 30 m
25484	10x16 mm	3 mm	roll of 30 m
25485	12x18 mm	3 mm	roll of 30 m
25488	8x15 mm	3.5 mm	roll of 30 m
25491	10x20 mm	5 mm	roll of 30 m
25495	made to order		500 m

ACCESSORIES FOR ANY SUCTION ASPIRATOR



GIMA code	STAINLESS STEEL ASPIRATION TUBES
28262	S/S Bierer Aspiration tube Ø 8 mm
28264	S/S Bierer Aspiration tube Ø 12 mm
	Supplied with removable connection cannula
28260	Set of 7 uterine aspiration cannulas for abortion: 4 cannulas with side suction end (Ø 5, 6, 8, 9 mm), 3 cannulas with front suction end (Ø 7, 10, 11 mm) and one handle

SILICONE VACUUM SUCTION

See page 172

SUCTION CATHETER

See page 43

S/S FRAIZER SUCTION CANNULA

See page 34

S/S ROSEN SUCTION CANNULA

See page 34

S/S NOVAK SUCTION CANNULA

See page 33

BREAST PUMP - MAMILAT GIMA

• 28148 MAMILAT - BREAST PUMP - 230 V - 50 Hz

Easily transportable from one maternity ward to another, or for use at home. To be used for mother's milk suction. Made of highly heat-resistant, electrically insulated plastic material in conformity with the latest European safety standards. Supplied with 2 polycarbonate milk bottles (150 cc and 250 cc) antibacterial and hydrofobic filter, set of tubes 6x10 mm, breast shield, PVC air tube. Suction adjustment knob. Working time: 20 minutes ON, 40 OFF.

• 28229 HYDROPHOBIC ANTIBACTERIAL FILTER - spare

• 28149 SPARE KIT

Includes two plastic bottles (125 cc and 250 cc) nipple shield, filter and tubes.

TECHNICAL SPECIFICATIONS

Regulator for suction intensity - max suction -0.33 bar
Operating voltage: 220-230 V - 50/60 Hz - available on request 110 V - 60 Hz
Max flow (air litres/min): 14 l/min
Power consumption: 184 VA
Size: 235x190x165 mm Weight: 2.2 kg
Norms: CEI 62-5 (IEC601-1). Made in Italy

Supplied with
anti-bacterial filter

5 languages manual:
IT, GB, ES, FR, DE.

28149



28148

RES-Q-VAC FILTERED HAND SUCTION



• 28124 RES-Q-VAC (FILTERED) SUCTION

This lightweight and hand held suction unit requires no batteries or electricity and yet provides powerful suction whenever and wherever you need it.

It offers ultimate safety and ease of use for the professional and fits easily into any emergency bag or ambulance.

Key Features:

- portable Hand Powered Suction - one hand operation
- hospital suction level performance >600mmHg
- always ready to go, no set up required, no batteries to recharge
- patented 0.22 equivalent micron filter for ultimate infection control
- full stop protection filter prevent fluid overflow
- easy snap on replacement canister sets with Adult and Child catheters
- each unit 100% tested for reliability



28124

0.22 micron filter

Jar 300 ml

MEET OSHA regulations

28128

28129

Kit includes: Res-q-Vac pump, canister 300 ml with filter, soft cannula Ø 12.7 mm x 20.3 cm length

• 28128 SPARE ADULT KIT - with filter

Includes canister 300 ml and wide soft adult style yankauer. Disposable.

• 28129 SPARE PEDIATRIC KIT - with filter

Includes canister 300 ml and 2 pediatric catheters with different length: 356 mm for paediatric and 88.9 mm for neonatal applications. Disposable.

TECHNICAL SPECIFICATIONS

Weight: 143 g
Size: 114x180x55 mm
Max vacuum: > 600 mmHg
Min. vacuum after 2 activations: > 400 mmHg
Volume per stroke: 30 ml
Capacity before full: 290 ml
Inner Ø of adult catheter: 9.53 mm
Length of adult catheter: 272 mm
Pump is suitable for cold or ETO sterilization



HAND/FOOT/KNEE SUCTION PUMP

• 28220 TOBI MANUALE - manual suction aspirator

Independent of any power source, Tobi Manuale is simple to operate pressing pedal by foot, hand or knee.

It is used to clear patient's airways safely and efficiently, anytime, anywhere. Precision and solidly built to assure long service life. Polycarbonate suction bottle with capacity 400 cc, autoclavable at 120°C and spill-over protection.

Bacterial filter included.

Multilanguage user manual: GB, FR, IT, DE, ES.

• 28219 BOTTLE

0.4 l - spare

• 28229

HYDROPHOBIC ANTIBACTERIAL FILTER - spare



28220

Jar 400 ml

TECHNICAL SPECIFICATIONS

Weight: 1.2 kg Max suction -0.40 bar Bottle capacity: 400 cc
Size: 225x165x85 mm Suction power: 22 l/min Made in Italy

HAND SUCTION PUMP

• 28180 HAND SUCTION UNIT

Designed to provide quick and effective pharyngeal and tracheal suction for emergency use.

The adjustable stroke knob provides different suction pressure. Supplied with 250 ml bottle and 2 sterile adult cannulas 26 and 40 cm

• 28181 SPARE ADULT KIT

Includes 250 ml bottle and 2 sterile adult cannulas 26 and 40 cm.



Jar 250 ml

Supplied with multilanguage box and manual: GB, FR, IT, ES, DE, PT, PL, GR, Arab.

TECHNICAL SPECIFICATIONS

Max vacuum: -450 mmHg Weight: 260 g
Peak free airflow: >20 l/min Size: 185x70x168 mm
External diameter of catheter connection: 13.35 and 8.67 mm

SPENCER JET COMPACT 300D PORTABLE SUCTION UNIT

• 28177 JET COMPACT PORTABLE SUCTION UNIT

Extremely compact suction device to be used to remove fluids from the airway or respiratory support system. The device creates a negative pressure that draws fluids through disposable tubing that is connected to the collection container.

Easy view of the setted vacuum thanks to the LED indicators.

Classification ISO: high vacuum / high flow. Supplied with 12 V power cable, battery, disposable container with filter, disposable patient tube.

• 28178 DISPOSABLE CONTAINER 300 ml with filter

• 28179 POWER ADAPTER

TECHNICAL SPECIFICATIONS

Dimensions:	245x70x185 mm	IP grade	IP 12
Weight:	1.60 kg	Battery:	12 V DC Ni-MH
Vacuum range:	from 50 to 550 mmHg	Battery operative time:	30 min ON, 30 min OFF
Flow (free flow):	32 l/min	Battery recharging time:	5 h
Noise level:	70 dB	Container capacity:	300 ml
Electrical connector requirement:	100-240 VAC 47-63 Hz	Patient tube length:	1 m
	0.75 A max: 12 VDC		



28177

Class IIa Medical Device according to Dir. 93/42/CEE

MINIASPEED BATTERY EVO PROFESSIONAL SUCTION ASPIRATORS

- 28282 MINIASPEED EVO BATTERY SUCTION - 1 l
 - 28283 MINIASPEED EVO BATTERY SUCTION - 1 l for ambulance
 - 28284 MINIASPEED EVO BATTERY SUCTION - 2 l
- Professional portable high flow - high vacuum aspirators with integrated rechargeable batteries. It works at 12 V power supply with rechargeable batteries or directly by mains supply, continuously at 110-230 V while recharging batteries. Up to 45 minutes of autonomy with fully charged battery. Made in Italy.
- 25480 SILICONE TUBE 6x12 mm - roll of 30 m
 - 28254 ADAPTER FOR CATHETER
 - 28255 HYDROPHOBIC 99% BACTERIAL FILTER
 - 28258 AUTOCLAVABLE JAR 1000 ml (with cover)
 - 28259 DISPOSABLE SUCTION LINER
 - 28294 AUTOCLAVABLE JAR 2,000 ml (with cover)



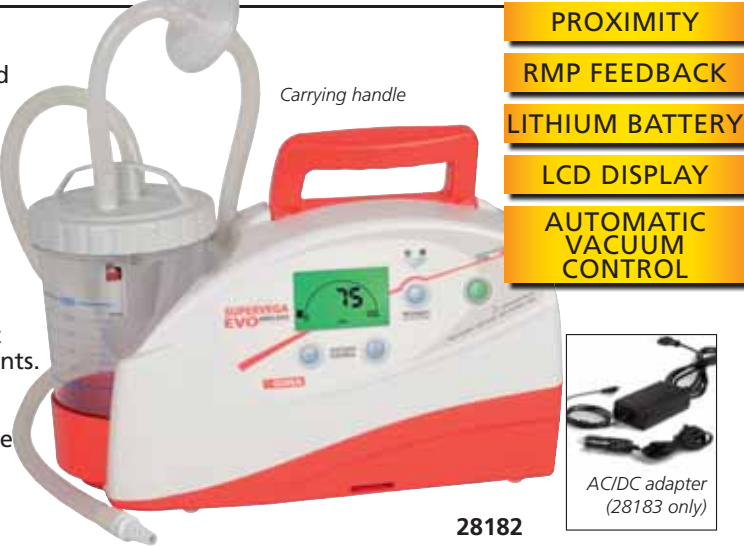
TECHNICAL SPECIFICATIONS	
Operating voltage:	with battery DC 12 V with power supply 100÷240 V ~ 50/60 Hz - 14 VDC 4,28A
Power consumption:	max 50 W
Size:	134x378xh 263 mm Weight: 4.7 kg (5 kg version for ambulance)
Bottle capacity:	1,000 or 2,000 ml
Flow:	30 air litres/min
Sound level:	65 dBA at 1 m
Operating cycles:	continuous (45 minutes battery autonomy)
MAX vacuum:	0 ± 85 kPa
Internal battery:	12 VDC 4A h lead hermetic
Battery autonomy:	about 45 minutes, recharging time approx 6 hours
Norms:	MDD 93/42/EEC (Class IIa - annex IX) EN60601-1 (IEC 60601-1) / EN60601-1-2 (IEC 60601-1-2) UNI EN ISO 10079-1 / UNI CEI EN ISO 14971 Degree of protection against ingress of liquids: IP34d (IEC 529) Class II - Type B

28282 STANDARD ACCESSORIES	
Autoclavable 1 or 2 l jar with safety valve	Power supply cord - 2 m
Sterile disposable cannula CH14	Shoulder carrying bag
Sterile disposable manual regulator	Multivoltage battery charger
Disposable silicone liner 1 l (28282-3 only)	Silicone tubing set Ø 6x12 mm
2 bacterial hydrophobic filters	Support bracket for ambulance (only 28283)
Cigarette lighter power cord (28282, 28284 only)	User manual: GB, IT, FR, DE, ES

SUPERVEGA EVO BATTERY AMBULANCE ASPIRATOR

- 28182 SUPERVEGA EVO AMBULANCE BATTERY ASPIRATOR
 - 28183 SUPERVEGA EVO BATTERY ASPIRATOR
- Supervega Evo is an electric medical device for the nasal, oral and tracheal aspiration of body fluids in children or adults. Two or three options of operation: by 100-240V power feeding (28183 only), 12 V car adapter or internal rechargeable battery. Large LCD for clear reading of vacuum values along with soft keys for vacuum adjustment increase the accuracy of aspiration. Smart operation thanks to the combination of the lightweight lithium-ion battery with the innovating FEEDBACK system that controls and manages the power of aspiration, providing a long autonomy of the battery and quiet noise level during operation. The PROXIMITY function to switch ON or OFF the device without touch prevents and avoids cross-contamination in-between patients. Equipped with a long-life brushless motor eliminating any type of smell and coal residuals. Various options of jar: standard autoclavable polycarbonate (121°C), optional FLOVAC® disposable liners or APEC® that can resist up to 143°C, see at page 163. Complies with EN 60601- 1-11 only 28183 "for use in the home healthcare environment" and carries IP21 degree of protection. Made in Italy.

TECHNICAL SPECIFICATIONS	
Motor:	Oil-less and maintenance-free piston pump
Power:	Internal rechargeable Lithium battery (14.8 V - 5.2 A) - Autonomy 70 min Car-ambulance adapter (12 V - 4 A) - only 28183 AC/DC adapter 110-230 V, 50-60 Hz - only 28183 Recharge from support bracket - only 28182
Max vacuum (adjustable):	-0.75 Bar; -75 kPa; -563 mmHg
Max free air flow rate:	26 l/m Size: 35x19x15 cm Weight: 2.7 kg
Duty cycle:	non stop operation (by mains or 12 V only)



28182 STANDARD ACCESSORIES	
Polycarbonate jar 1,000 ml with overflow valve system	Antibacterial filter
Suction catheter	Silicone tube set with conical connector
Universal power adaptor (100-240V - 50/60 Hz) (only 28183)	12V car adapter (only 28183)
Support bracket for ambulance 20x16x16 cm (only 28182)	Carrying bag (only 28182)
User Manual GB, FR, IT, DE, ES.	

SUPER VEGA BATTERY SUCTION ASPIRATOR ON TROLLEY



- 28193 SUPER VEGA BATTERY on trolley - suction 2x2 l
- Portable suction unit for the aspiration of body liquids, oral, nasal and tracheal aspiration in adults or children. For professional use and with a powerful aspiration of max 36 l/min. It comes with double collection jars and on a stand with five castors for easy transport. Two different working options: AC/DC adapter, rechargeable battery make it a versatile suction unit approved for NON-STOP operation without overheating. Provided with visual and acoustic alarm indicating low battery level, vacuum-meter (bar & kPa) and vacuum regulator.

TECHNICAL SPECIFICATIONS	
Size - Weight:	32x30xh 99 cm - 7.9 kg
Operating voltage:	100-240 V - 50/60 Hz
Internal rechargeable Pb battery:	12V - 4A
Battery autonomy:	60 min
Flow:	36 air litres/minute
User manual:	GB, FR, DE, IT, ES
Recharging:	240 min
Temporary use:	120 on - 60 off
Made in Italy	



BATTERY SUCTION ASPIRATORS

- 28243 SUPER VEGA BATTERY - plastic case - 16 l/min.
- 28190 SUPER VEGA BATTERY - plastic case - 36 l/min.
- 28213 TROLLEY FOR SUPER VEGA
- 28242 BATTERY FOR SUPER VEGA/TOBI (28243*/28240) - spare
- 28251 BATTERY FOR SUPER VEGA (28190/28243**) - spare

*Up to S.N. 2141 (3 LEDs)

**Since S.N. 3000 (1 LED)

With incorporated rechargeable batteries. It can operate at 12 V power supply at rechargeable batteries and, thanks to an electronic system, at 230 V while recharging batteries.

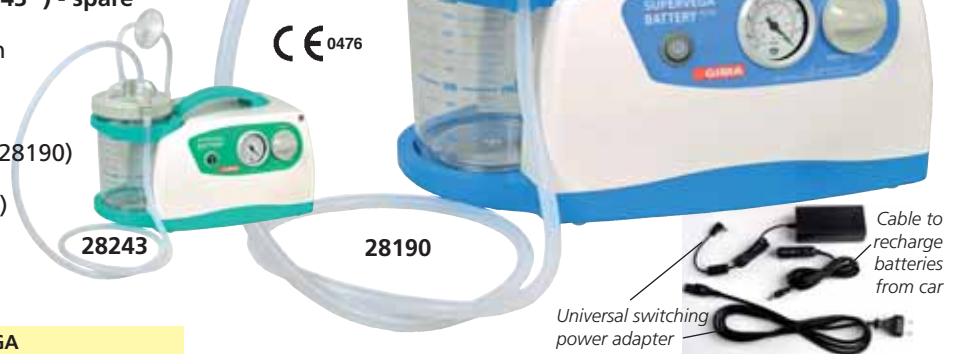
Autonomy: approx 45-50 min (28243), 60 min (28190)

Recharging time: 120-150 minutes.

Max suction: -0.75 bar (28243) -0.80 bar (28190)

Suction power: 16 or 36 air litres/min

It has unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow.



TECHNICAL SPECIFICATIONS SUPER VEGA

Operating Voltage: 220-230 V - 50/60 Hz AC - 12 V DC (28243)
100-240 V - 50/60 Hz (28190)

Size: 350x210x180 mm Weight: 4.9 kg

Max suction -0.75 bar (563 mm/Hg) (28243), -0.80 bar (28190)

Suction power: 16 air litres/min (28243), 36 air litres/min (28190)

Norms: IEC 601-1 - Class II Type B. Made in Italy

STANDARD ACCESSORIES

Bottle 1 l - autoclavable at 120°C

Silicone tubing set

Suction catheter

User manual (GB, IT, FR, DE, ES)

AC/DC universal adapter

Anti-bacterial filter

Cable to recharge batteries from car

- 28206 MINI ASPEED BATTERY PRO - metal case - 30 l/min
- High vacuum portable medical device for professional surgical aspiration.

- it can operate at 12 V (car) power supply, rechargeable batteries or directly by mains supply

- its two cylinders electro-compressor ensures high performances and long life

- up to 45 min. of autonomy with fully charged battery

- with 99% antibacterial hydrophobic filter

- equipped with autoclavable jar with safety valve, disposable suction liner and carrying case.

- 25480 SILICONE TUBE 6x12 mm - roll of 30 m

- 28254 ADAPTOR FOR CATHETER

- 28255 HYDROPHOBIC 99% BACTERIAL FILTER

- 28258 AUTOCLAVABLE JAR 1000 ml (with cover)

- 28259 DISPOSABLE SUCTION LINER

Disposable suction liner inside autoclavable jar

TECHNICAL SPECIFICATIONS MINI ASPEED

Operating Voltage: 100-240 V 50/60 Hz AC - 14 V DC 4.28 A

Size: 370x100x240 mm Weight: 5.8 kg (include kit)

Max suction: -0.85 bar

Suction power: 30 air litres/min.

Sound level: 65 db

Norms: MDD 93/42/ECC (class IIa - annex IX)

IEC 60601-1, UNI ENISO 10079-1

Made in Italy

STANDARD ACCESSORIES

Autoclavable jar 1000 cc

with safety valve

Silicone tubing set Ø 6x12 mm

Disposable suction liner

Sterile cannula

Anti-bacterial hydrophobic filter

Multivoltage battery charger

Cigarette lighter power cord.

Shoulder carrying bag

User manual (GB and IT)

28258 +
28259



SUPERVEGA SUCTION ASPIRATOR ON TROLLEY

CE 0476

Vacuum indicator
Max suction:
600 mm Hg - 0.80 bar

Silicone tubing
8x14 mm

2 l jar

Adjustable
suction knob

Fixed height
75 cm

28191

Multilanguage
user manual:
GB, FR, IT, DE, ES

- 28191 SUPER VEGA on trolley - suction 2x2 l jar
 - 28192 SUPER VEGA on trolley - suction 2x2 l jar with footswitch
- Continuously adjustable vacuum, with indicator.
Silicone connection tube. 2 jars 2 litres, made of sterilizable polycarbonate (autoclavable at 120°C).
Working time: 120 min ON, 60 min. OFF.
Suction power: 40 air litres/min.
Steel painted frame, fitted with 5 star base.
Norms CEI 62-5 (IEC 601-1) - Class II - Type B
 - 28239 HYDROPHOBIC 99% BACTERIAL FILTER
 - 25482 SILICONE TUBE - 8x14 mm - roll of 30 m

TECHNICAL SPECIFICATIONS

Size: 32x30xh 90 cm Weight 6.2 kg

Operating voltage: 220-230 V - 50/60 Hz; other on request

Power consumption: 110 VA

Maximum suction: -0.80 bar (600 mm Hg)

Flow: 40 air litres/minute

Operating cycle: continuous

Norms CEI 62-5 (IEC 601-1) - CE 93/42 EEC

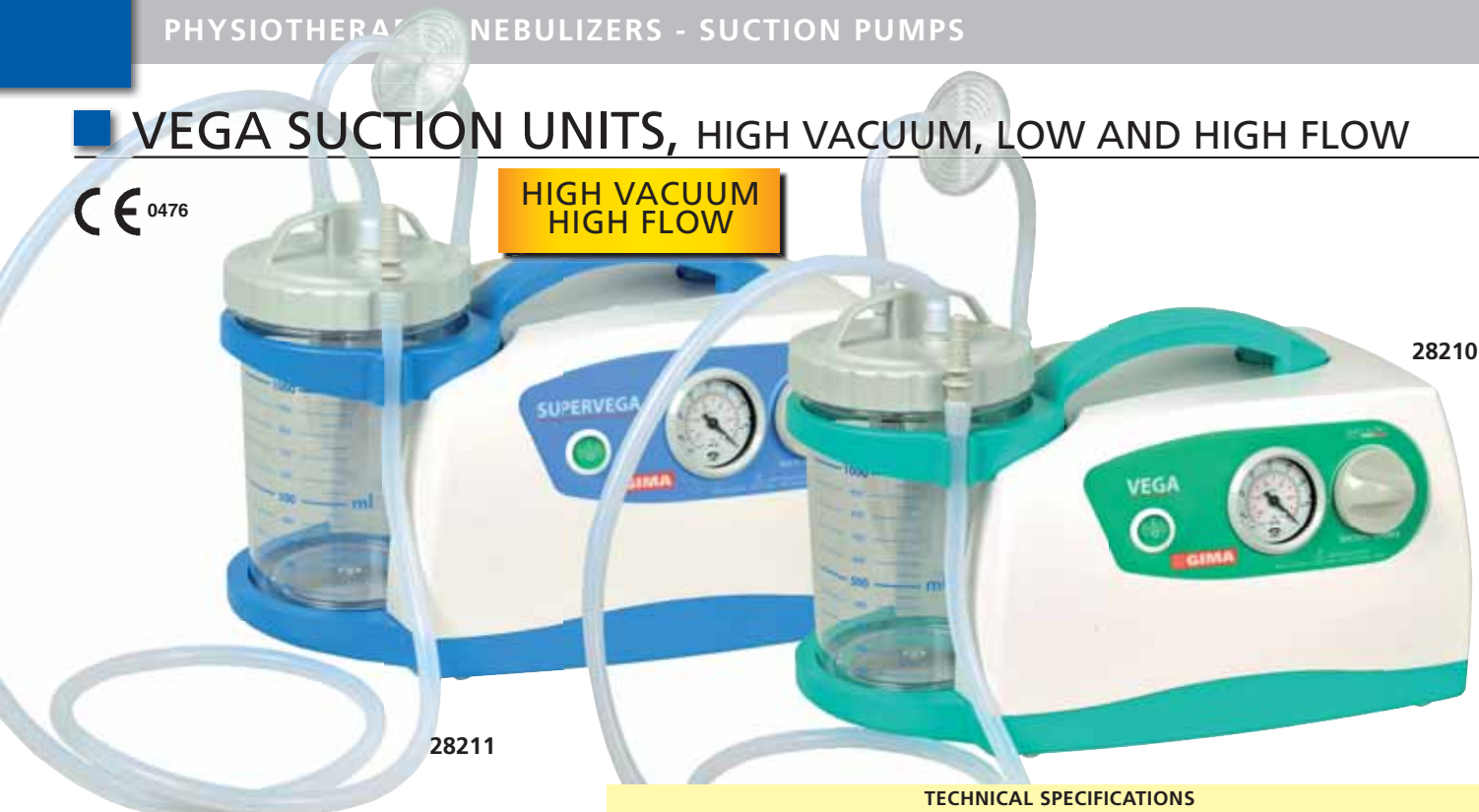
User manual (GB, FR, DE, IT, ES)

Made in Italy



VEGA SUCTION UNITS, HIGH VACUUM, LOW AND HIGH FLOW

CE 0476

HIGH VACUUM
HIGH FLOW


28211

28210

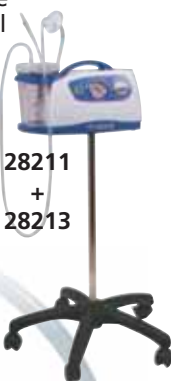
VEGA SUCTION UNITS

A line of stylish, compact and reliable aspirators for small surgery. Silent, high flow and maintenance - free pumps allow long product life and durability.

Recommended for nasal aspiration, oral aspiration, tracheal aspiration of body liquids (mucus, catarrh or blood) in adults or children. Equipped with vacuum regulator continuously adjustable, vacuum indicator, unbreakable 1,000 ml or 2,000 ml bottle, autoclavable at 121°C, with safety float control valve to prevent overflow. Optional bottle autoclavable at 134°C. Manufactured in electric and thermal insulated plastic body.

Autoclavable and disposable collection system: In addition to standard autoclavable jar is available a disposable collection system composed by a rigid reusable container and a polyethylene disposable liner with cover, hermetically sealed, and hydrophobic, antireflux, bacterial filter operating as an overflow valve.

Made in Italy.


28211
+
28213

1 l polycarbonate
autoclavable jar
with overflow
safety valve

28209

28252
Adaptor to connect catheter
to silicone tube

STANDARD ACCESSORIES

Autoclavable jar (1 or 2 l) with overflow valve system
Antibacterial and hydrophobic filter
Set of silicone tubes 6x10 mm
Conical connector for probes
6 languages user manual (GB, FR, IT, DE, ES, PT) **28229**



TECHNICAL SPECIFICATIONS

	28209 VEGA UNO	28210 VEGA	28211 SUPERVEGA
Operating Voltage:	220-230 V - 50/60 Hz 110 V - 60 Hz (on request)	220-230 V - 50/60 Hz 110 V - 60 Hz (on request)	220-230 V - 50/60 Hz or 110 V - 60 Hz
Power consumption:	184 W	184 W	106 W
Bottle capacity:	1,000 ml	1,000 ml	1,000 ml or 2,000 ml
Flow (air litres/min):	15 l/min	16 l/min	40 l/min
Max suction:	-0.75 bar (563 mm/Hg)	-0.75 bar (563mm/Hg)	-0.80 bar (600mm/Hg)
Operating cycle:	continuous	continuous	continuous
Size:	25x19x16.5 cm	35x21x18 cm	35x21x18 cm
Weight:	2.2 kg	2.5 kg	3.6 kg
Norms:	93/42/ECC	93/42/ECC	93/42/ECC

GIMA code	VEGA SUCTION ASPIRATOR	Operating power	Flow
28209	Vega Uno	220-230 V - 50/60 Hz	15 l/m
28210	Vega	220-230 V - 50/60 Hz	16 l/m
28211	Super Vega 1l	220-230 V - 50/60 Hz	40 l/m
28212	Super Vega 2l	220-230 V - 50/60 Hz	40 l/m
28189	Super Vega 1l	110 V - 60 Hz	40 l/m



GIMA code	SPARE ACCESSORIES FOR VEGA AND TOBI LINE
28229	Hydrophobic, 99% antibacterial filter
28226	121°C autoclavable jar 1 l with cover and overflow system
28236	121°C autoclavable jar 2 l with cover and overflow system
28227	Cover and overflow valve system for 28226 and 28236
28185	134°C autoclavable jar 1 l with cover and overflow system
28186	134°C autoclavable jar 2 l with cover and overflow system
28184	Cover and overflow valve system for 28185 and 28186
28271	Disposable liner 1 l (cover + bag)
28270	Container for disposable liner 1 l
28268	Disposable liner 1 l (cover + bag) - box of 50
28273	Disposable liner 2 l (cover + bag)
28269	Disposable liner 2 l (cover + bag) - box of 50
28272	Container for disposable liner 2 l Ø 13 cm top, 9.5 cm bottom
25468	Silicone tube 6x10 mm - roll of 30 m
28252	Adaptor to connect catheter to silicone tube
	Suction catheter - see at page 43
28213	Trolley for Vega and Super Vega (not for Vega Uno)
28276	Vacuum indicator for Vega and Super Vega (not for Vega Uno)

PROFESSIONAL ASPIRATORS - HIGH VACUUM

28280-1



CE 0434
EN ISO 10079-1
Class I
Type B

Vacuum gauge
Double pump type



Overflow
regulation knob

28244-6

1 l Autoclavable Jar

ASPEED PROFESSIONAL SURGICAL ASPIRATORS

Piston-type continuous cycle electric aspirators give high performance and great durability. Equipped with a protective thermal cut-out relay. They require no maintenance or lubrication. A motor-protector cap totally prevents aspirated

liquids or secretions from reaching and damaging the vacuum pump. Ideal for clinical use. Made in Italy.

GIMA code	ASPEED ASPIRATORS	Power	Pump	Case
28244	Aspeed 15 l	230 V	single	metal
28245	Aspeed 22 l	230 V	double	metal
28246	Aspeed 22 l	110 V	double	metal
28280	Aspeed 2 15 l	230 V	single	plastic
28281	Aspeed 2 22 l	230 V	double	plastic

GIMA code	ACCESSORIES AND SPARES FOR ASPEED
28255	Hydrophobic 99% bacterial filter
28258	Autoclavable jar 1l with cover
28259	Disposable suction liner
25480	Silicone tube 6x12 mm - roll of 30 m
28254	Adaptor to connect catheter to silicone tube
28261	Adaptor kit to use jar 1l (28258) with ASPEED manufactured before 2007

STANDARD ACCESSORIES

Autoclavable polycarbonate jar 1,000 cc with safety valve (overflow protection)
Disposable suction liner 1 l
99% Antibacterial hydrophobic filter
Sterile disposable cannula
Sterile manual flow regulator
Set of atoxic sterilizable silicone tubes
Power Cable
User Manual GB, FR, IT, DE, ES

TECHNICAL SPECIFICATIONS

	ASPEED 28244	ASPEED 28245/6*	ASPEED 28280	ASPEED 28281
Operating voltage:	230 V-50 Hz	230 V-50 Hz	230 V-50/60 Hz	230 V-50/60 Hz
	110-60 Hz	110-60 Hz	other voltage on request	other voltage on request
Bottle capacity:	1 l	1 l	1 l	1 l
High vacuum:	low flow 15 l/min	low flow 22 l/min	low flow 15 l/min	high flow 22 l/min
Air flow:	15 l/min	22 l/min	15 l/min	22 l/min
Adjustable vacuum level:	0 ÷ -0.85 bar (0 ÷ -85 kPa)	0 ÷ -0.85 bar (0 ÷ -85 kPa)	0 ÷ -0.85 bar (0 ÷ -85 kPa)	0 ÷ -0.85 bar (0 ÷ -85 kPa)
Weight:	3.5 kg	4.5 kg	2.5 kg	3.2 kg
Case material:	metal	metal	plastic	plastic
Noise level:	55 dBA	65 dBA	55 dBA	55 dBA



28258
Autoclavable Jar, h 19.2 cm
Ø 10 cm top,
9.7 cm base

28259
Disposable suction liner

SUCTION ASPIRATORS HIGH VACUUM, LOW AND HIGH FLOW

- 28222 TOBI - suction aspirator
220-230 V - 50/60 Hz
- 28224 SUPER TOBI - suction aspirator
220-230 V - 50/60 Hz

Portable suction aspirators, ideal for tracheotomy and small surgery. Vacuum continuously adjustable with vacuum indicator. Have unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow. Silicone connection tube. ABS plastic case. Made in Italy

28222

28224

Silicone tube 6x10 mm (see page 159)

Adaptor for catheter (code 28252)

Suction power: 18 l/min
Max suction: -0.75 bar

Suction power: 30 l/min
Max suction: -0.80 bar

HIGH VACUUM
HIGH FLOW

STANDARD ACCESSORIES	Tobi	Super Tobi
Bottle 1,000 ml with cover	1	1
Antibacterial Filter	1	1
Suction catheter	1	1
Silicon Tube set	1	1
User manual GB, FR, IT, DE, ES	1	1

TECHNICAL SPECIFICATIONS

	28222 Tobi	28224 Super Tobi
Operating voltage:	220-230 V - 50/60 Hz	220-230 V - 50/60 Hz
Power consumption:	184 W	106 W
Bottle capacity:	1,000 ml	1,000 ml
Flow (air litres/min):	18 l/min	40 l/min
Max suction:	-0.75 bar (563mm/Hg)	-0.80 bar (600mm/Hg)
Working time: minutes	20 ON / 40 OFF	120 ON / 60 OFF
Size (cm):	37x22xh 21 cm	37x22xh 21 cm
Weight:	3.5 kg	5.25 kg
Norms:	IEC 601-1	IEC 601-1

HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR



Standard Clinic Plus and Hospi Plus



Clinic Plus and Hospi Plus with foot switch and electronic flow direction regulator

New innovative range of high vacuum, high flow aspirator ideal for hospitals. Pump piston type, lubrication and maintenance free. Supplied with hydrophobic 99% bacterial filter, vacuum gauge for control of vacuum and 2 autoclavable jars (2 or 4 litres) made in makrolon with 200/400 ml graduation and double security valve. Available on request 2 or 3 litre disposable liners. Range includes version with foot

TECHNICAL SPECIFICATIONS

	Hospi plus	Clinic plus
Operating voltage:	110 V or 230 V - 50/60 Hz	230 V - 50/60 Hz - 110 V on request
Maximum suction:	- 0.90 bar (675 mmHg)	- 0.90 bar (675 mmHg)
Operating cycle:	continuous	continuous
Flow:	90 l/min	60 l/min
Power:	300 VA	230 VA
Norms:	CEI 62-5 (IEC 601-1)	CEI 62-5 (IEC 601-1)
	93/42 EEC. Made in Italy	93/42 EEC. Made in Italy


 Size: 460x850x420 mm
Weight: 20 kg

switch and flow direction regulator, 110 and 230 V. Four antistatic castors, two of which with brake, allow a perfect mobility. User manual in GB, FR, IT, ES, DE. See spare accessories at page 159, 166. Made in Italy.

GIMA code	CLINIC PLUS / HOSPI PLUS	Jar	Power	Foot switch	Flow direction diverter*
28194	CLINIC PLUS aspirator	2x2 l	220-230 V	-	-
28196	CLINIC PLUS aspirator	2x4 l	220-230 V	-	-
28198	CLINIC PLUS aspirator	2x4 l	220-230 V	yes	yes
28200	HOSPI PLUS aspirator	2x2 l	220-230 V	-	-
28199	HOSPI PLUS aspirator	2x2 l	110 V	-	-
28201	HOSPI PLUS aspirator	2x4 l	220-230 V	-	-
28203	HOSPI PLUS aspirator	2x2 l	220-230 V	yes	yes
28204	HOSPI PLUS aspirator	2x4 l	220-230 V	yes	yes

*Allow to direct suctioned liquids to any of the 2 jars

MAXI ASPEED HIGH FLOW ASPIRATOR FOR HOSPITAL USE



Telescopic handle

TECHNICAL SPECIFICATIONS

Operating voltage:	230 V - 50/60 Hz. Available on request 110 V - 60 Hz
Air flow:	60 or 90 l/min
Operating cycle:	continuous
Adjustable vacuum level:	0-0.90 bar (0-90 kPa)
Size:	470x580x560 mm
Weight:	15 kg (60 l), 17 kg (90 l)
MDD class:	Ila

MAXI ASPEED SURGICAL ASPIRATORS

Surgical aspirators for aspiration of body liquids in operating theatres and hospitals.

Easy to carry

Equipped with 4 antistatic wheels (2 with brake) and carrying telescopic handle.

Developed to run continuously

Made in highly heat resistant, electrically insulated plastic material in conformity with latest European safety standards. Vacuum regulator with BAR/PSI vacuometer and automatic flow direction regulator to easily switch from a jar to the other. Supplied with 2 autoclavable polycarbonate jars with safety valve (overflow protection), set of atoxic sterilizable silicone tubes, 99% antibacterial hydrophobic filters (2) and multilanguage manual (GB, FR, IT, DE, ES). Made in Italy.

GIMA code	MAXI ASPEED	Jar	Power	Foot switch	Flow direction regulator
28285	Maxi Aspeed 60 l	2x2 l	230 V	-	yes
28286	Maxi Aspeed 60 l	2x2 l	230 V	yes	yes
28288	Maxi Aspeed 60 l	2x4 l	230 V	yes	yes
28289	Maxi Aspeed 90 l	2x2 l	230 V	-	yes
28291	Maxi Aspeed 90 l	2x4 l	230 V	-	yes
28292	Maxi Aspeed 90 l	2x4 l	230 V	yes	yes

ACCESSORIES

28294	Autoclavable jar 2 l with safety valve
28295	Autoclavable jar 4 l with safety valve
28297	Hydrophobic 99% antibacterial filter
25482	Silicone tube - 8x14 mm - roll of 30m



HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR



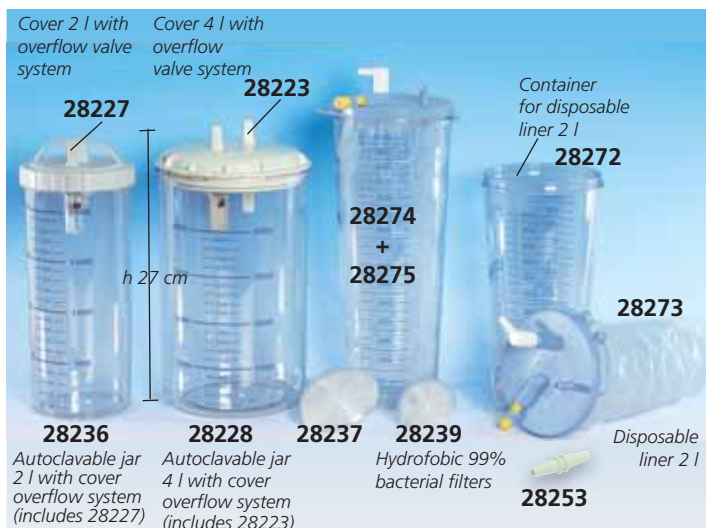
28232

Ideal for hospital, these suction aspirators are manufactured in ABS. Four antistatic castors, two of which with brakes, to allow perfect mobility. Vacuum gauge for the control of vacuum (1 bar). 2 or 4 litre jar made of autoclavable makrolon, with 200/400 ml graduation. Each jar with double security valve. Pump piston type, lubrication and maintenance free. With anti bacterial filter. Available model with footswitch and other operating voltage (110 V).
User manual in GB, FR, IT, ES, DE. Made in Italy.

GIMA code	TOBI CLINIC / HOSPITAL	Jar	Power	Foot switch
28231	TOBI CLINIC - suction aspirator	2x2l	220-230 V	-
28214	TOBI CLINIC - suction aspirator	2x2l	220-230 V	yes
28215	TOBI CLINIC - suction aspirator	2x4l	220-230 V	-
28216	TOBI CLINIC - suction aspirator	2x4l	220-230 V	yes
28232	TOBI HOSPITAL - suction aspirator	2x2l	220-230 V	-
28202	TOBI HOSPITAL - suction aspirator	2x2l	220-230 V	yes
28233	TOBI HOSPITAL - suction aspirator	2x4l	220-230 V	-
28234	TOBI HOSPITAL - suction aspirator	2x4l	220-230 V	yes
28235	TOBI HOSPITAL - suction aspirator	2x2l	110 V	-

TECHNICAL SPECIFICATIONS

	Hospital (28202-28232/3/4/5)	Clinic (28214/5/6, 28231)
Size:	55x45xh 65 cm	46x42xh 60 cm
Weight:	20 kg	13 kg
Operating voltage:	110 V or 230 V - 50/60 Hz	110 V or 230 V - 50/60 Hz
Maximum suction:	- 0.90 bar (675 mm/Hg)	- 0.90 bar (675 mm/Hg)
Operating cycle:	continuous	continuous
Flow:	90 l/min	60 l/min
Norms:	CEI 62-5 (IEC 601-1) 93/42 EEC.	CEI 62-5 (IEC 601-1) 93/42 EEC.



28231



28234

GIMA code	ACCESSORIES	To be used with
28237	Hydrophobic, 99% bacterial filter	Hospital/ Hospi plus
28239	Hydrophobic, 99% bacterial filter	Clinic/Supervega Trolley
28236	121°C autoclavable jar 2l with overflow system	All 2 l aspirators
28227	Cover 2l with overflow valve system	28236
28228	121°C autoclavable jar 4l with overflow system	All 4 l aspirators
28223	Cover 4l with overflow valve system	28228
28186	134°C autoclavable jar 2l with overflow system	All 2 l aspirators
28184	Cover 2l with overflow valve system	28186
28187	134°C autoclavable jar 5l with overflow system	All 4 l aspirators
28272	Container for disposable liner 2l	All 2 l aspirators
28273	Disposable liner 2l cover+bag	28272
28274	Container for disposable liner 3l	Clinic/Hospital/ Hospital plus 2 l
28275	Disposable liner 3 l cover+bag	28274
25482	Silicone tube 8x14 - roll of 30 m	Clinic/Hospital
28253	Adapter to connect catheter to silicone tube	25482
28276	Suction catheter see at page 43	28253
28277	Vacuum indicator Ø 50 mm	Clinic
28265	Vacuum indicator Ø 60 mm	Clinic plus/Hospi Plus
28266	Bottom base	Hospital
28267	Bottom base	Clinic plus/Hospi Plus Clinic Hospital



GIMA

CLINIC PLUS SUCTION 2x2 l jar 230V

Code:	28194
Category:	Hospital suction pumps aspirators
Unit of sale:	1 pc.
Minimum order:	1
Type:	Medical device
Class:	II A
NSIS:	590729
CND:	Z120105
EAN13:	8023279281941



Description:

CLINIC PLUS Basic

- Autoclavable Jars: 2x2 l
- Footswitch: NO
- Flow direction diverter (Allows to direct suctioned liquids to any of the 2 jars): NO

Designed for professional aspiration of bodily fluids, tissues or bones of patients during or after surgery.

Oilless and maintenance free piston type pumps provide high performances. Excellent suction capacities and max vacuum built up within a few seconds.

Available with vacuum gauge and autoclavable jars made in makrolon with 200 ml (2 l jar) or 500 ml (4 or 5 l jars) graduation and 2-3 litres Flovac jars with disposable liners.

Wide range of versions with different features

- 60 l/m (Clinic Plus) or 90 l/m (Hospi Plus) flow rate
- 2, 4 or 5 l jars
- MPR system for versatility
- footswitch and flow direction diverter

High standards of safety in overflow protection system

Double security valve integrated in the jar and hydrophobic filter (all models), safety trap bottle (only MPR models).

MPR (Multi Purpose Rail) models

This system enhances the versatility for easy and quick exchange of different accessories, with no need for tools.

Equipped with five connections for rings of various diameters to fit jars of different sizes and types (2l, 3l, 5l), cannula holders and safety trap bottle.

Main applications: EMERGENCY DEPT. / GYNAECOLOGY / OPERATING THEATRE / GENERAL SURGERY / NEUROSURGERY / DENTAL PRACTICE / OBSTETRICS

Size: 460 x 850 x 420 mm

Weight: 20 kg

Made in Italy.

Technical Specifications:	Operating voltage: 230 V - 50/60 Hz
---------------------------	-------------------------------------



GIMA

Maximum suction: - 0,90 bar (675 mmHg)

Operating cycle: continuous

Flow: 60 l/min

Power: 230 VA

Noise level: 51.7 dBA

Norms: CEI 62-5 (IEC 601-1); 93/42 EEC

Standard accessories:

121°C autoclavable jar with overflow valve system: 2x2 l

Rings to accommodate 5 l jars: NO

Safety Trap Bottle (220 ml): NO

Antibacterial & Hydrophobic Filter (single-patient): 1

Autoclavable silicone tubes ø 8x14 mm length 150 cm: 1

Conical Connector ø 10-11-12mm: 1

Air suction inlet: 1

Footswitch with intermittent or continuous operation: NO

Change-Over System from jar to jar by soft-touch keys: NO

Power Cord with Schuko plug: 1

Multilingual manual: GB, FR, IT, ES ,DE, GR, PL, RO



GIMA

SPARE FILTER for Clinic, SuperVega trolley - connector 11 mm

Code: 28239

Category: Filtres

Unit of sale: 1 pc.

Minimum order: 1

Type: Medical device

Class: II A

NSIS: 1281843

CND: A0680

EAN13: 8023279282399

Description: Hydrophobic, antibacterial filter
Compatible with: SuperVega on trolley, Clinic, Clinic Plus



Gessate, 7 February 2012

CONFORMITY OF GIMA PRODUCTS

According to the annex VII of the Council Directive 93/42/EEC
as amended by the European Directive 2007/47/EEC concerning medical devices

GIMA declares that all medical devices illustrated on

GIMA INTERNATIONAL CATALOGUE

meet the provisions of the following Council Directive (when applicable)

93/42/EEC AS AMENDED BY THE EUROPEAN DIRECTIVE 2007/47/EEC

as below:

- A) For all products classified in **CLASS I**, we have in our company a technical file as required from annex VII, and it is available a certificate of conformity signed by the responsible inside the EU (generally GIMA).
- B) For all products in CLASS IIa and IIb it is available, or it will be available in one month, a declaration of conformity signed by an official European Notified Body or the ISO 9002 certificate of the manufacturer.

GIMA S.p.A.
Q.A. Department
Nicola Manzoni





Reg. Number	10164 - A	Valid From	2018-10-01
First issue date	2012-10-15	Last change date	2018-10-01
Valid Until	2021-10-14	IAF Sector	29

Quality Management System Certificate **ISO 9001:2015**

We certify that the Quality Management System of the Organization:

GIMA S.p.A.

Is in compliance with the standard UNI EN ISO 9001:2015 for the following products/services:

Trade, packaging and service of medical devices (MD), in vitro diagnostic products (IVD), personal protective equipments (PPE), biocides, veterinary items, medical accessories furniture and aids

Chief Operating Officer
Giampiero Belcredi

The maintaining of the certification is subject to annual surveillance and dependent on the observance of Kiwa Cermet Italia contractual requirements.

This certificate is composed of 1 page.

Kiwa Cermet Italia S.p.A.
Società con socio unico,
soggetta all'attività di
direzione e coordinamento di
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E-mail: info@kiwacermet.it
www.kiwacermet.it

GIMA S.p.A.

Registered Headquarters

- Via Grossi, 2 20121 Milano Italia

Certified Sites

- Via Marconi, 1 20060 Gessate (MI) Italia



Reg. Number	10164 - M	Valid From	2018-10-01
First issue date	2012-10-15	Last change date	2018-10-01
Valid until	2021-10-14		

Quality Management System Certificate **ISO 13485:2016**

We certify that the Quality Management System of the Organization:

GIMA S.p.A.

Is in compliance with the standard UNI CEI EN ISO 13485:2016 for the following products/services:

Trade, packaging and service of: medical devices (MD), in vitro diagnostic products (IVD), medical accessories, furniture and aids,

Chief Operating Officer
Giampiero Belcredi

The maintaining of certification is subject to annual surveillance and dependent upon the observance of Kiwa Cermet Italia contractual requirements.

Refer to quality manual for details of exclusion of UNI CEI EN ISO 13485:2016 requirements.

This certificate is composed of 1 page.

Kiwa Cermet Italia S.p.A.
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soggetta all'attività di
direzione e coordinamento di
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GIMA S.p.A.

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Certified Sites

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SGQ N° 007A
SGA N° 010D
PRD N° 069B
FSM N° 0041
PRS N° 089C