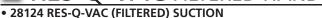
RES-Q-VAC FILTERED HAND SUCTION



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



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.

28124



Jar 300 ml

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 I - spare

• 28229 **HYDROPHOBIC ANTIBACTERIAL FILTER - spare**

C E0476



TECHNICAL SPECIFICATIONS

Weight: 1.2 kg Size: 225x165x85 mm

Max suction -0.40 bar Bottle capacity: 400 cc 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.

 $C \in$

Jar 250 ml <

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



Max vacuum: -450 mmHg Peak free airflow: >20 l/min

Peak free airflow: >20 l/min Size: 185x70x168 mm External diameter of catheter connection: 13.35 and 8.67 mm

TECHNICAL SPECIFICATIONS Weight: 260 g

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

28178 DISPOSABLE CONTAINER 300 ml with filter

• 28179 POWER ADAPTER

patient tube.

Dimensions: 245x70x185 mm Weight: 1.60 kg Vacuum range: Flow (free flow): 32 l/min 70 dB Electrical connector requirement:

TECHNICAL SPECIFICATIONS from 50 to 550 mmHg 100-240 VAC 47-63 Hz 0.75 A max: 12 VDC

IP grade 12 V DC Ni-MH Battery: Battery operative time: 30 min ON, 30 min OFF Battery recharging time: 5 h Container capacity: 300 ml Patient tube length: 1 m



SMART ONE PEAK FLOW-FEV1

DE, PT, PL, RU, TR, CN

(€ 0476

33681

510 (K)

Health Canada

HeE:

Graphic trends

of Peak Flow

and FEV1 which

can be shared

by email

33681 SMART ONE® - Peak Flow and FEV1 Manual in GB, FR, IT, ES, Ideal for monitoring respiratory illnesses

and in self management of Asthma, COPD, lung transplant care, cystic fibrosis and for use in clinical trials.

Peak flow and FEV1 on your smartphone Simple handheld wireless

device that can be easily connected via Bluetooth to iOS and Android smartphones and tablets.

App (GB, IT) with an exclusive incentive for adult and children based on exhaled flow and volume that gives accurate and helpful results. Graphic trend of Peak Flow and FEV1

Measurements including option to flag any test session. Test results history with Peak Flow, traffic light health indicator, symptoms

scoring and notes. Low battery consumption. New turbine flowmeter with plastic mouthpiece For personal use, easy to remove for cleaning and hygienic. Made in Italy.

• 33896 REUSABLE MOUTHPIECE - plastic box of 10

• 33897 DISPOSABLE MOUTHPIECE - paper box of 100

General

Power supply: Autonomy: Connectivity: Size - weight: Mouthpieces: Spirometry Flow sensor:

Flow range:

Volume accuracy: Measured parameters: Memory capacity:

TECHNICAL SPECIFICATION 2 batteries AAA 1.5 V included

1,000 tests Low energy Bluetooth® 4.0 49x109x21 mm - 61 g (batteries included) Ø 30 mm (1.18 inch)

bi-directional digital turbine Flow accuracy: ±5% or 200 mL/s ±16 L/s ±3% or 50 ml FEV1, PEF

the application on the smartphone memorizes data

PEAK FLOW METERS



- 33431 POCKET PEAK standard 60-800 l/min cream
- 33433 POCKET PEAK low 50-400 l/min yellow

The Pocketpeak Peak Flow Meter is designed to provide simple and reliable home asthma management.

Lightweight and easy to use, it provides accurate and reliable measurements over time.

It is easy to clean and features a universal mouthpiece. The EU/ATS Scale Pocket peaks will not only comply with the new European Standards but also with ATS (American Thoracic Society) Standards.

Standards range pocket peak will cover 60-800 litres/min, low range will cover 50/400 litres/min.

Package includes multilingual directions for use and peak flow diary, all packed in a cardboard box. Made in USA. Size 86x81x30 mm.

Weight 45 g. Standards: EN 13826:2003

• 33432 UNIVERSAL MOUTHPIECES - re-usable

In plastic, sterilizable, suitable both for adults and children.

• 33410 DISPOSABLE MOUTHPIECES - box of 500

LUNG EXERCISE DEVICE



33442 RESPIPROGRAM

Device to exercise the respiration through inspiration. The respiratory-exerciser Respiprogram helps the patient to recover the normal respiration after a chest or abdominal surgery. The device is composed of: 1 base, 3 small balls different in dimension and colours, 1 transparent central part divided into 3 rooms, 1 tube and mouthpiece. Each unit packed in single box. Made in Italy. User manual: GB, IT.

• 33445 TRI-BALL® - respiratory exerciser

The respiratory-exerciser Tri-Ball® helps the patient to recover the normal respiration after a chest or abdominal surgery. Single patient. User manual in GB, FR, DE, IT, ES.



33445

500/900/1200 cc per sec

AEROSOL HOLDING CHAMBER



• 33438 POCKET CHAMBER

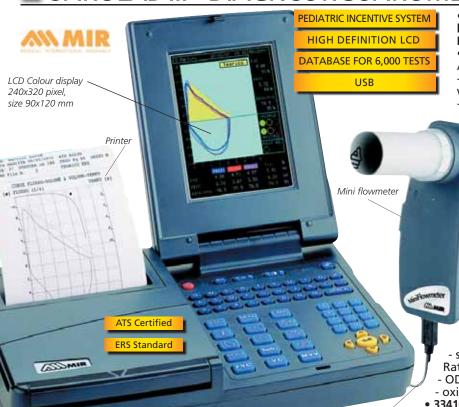
Now you can manage your asthma conveniently and effectively with a truly pocket-sized device, proven as effective as MDI chambers nearly twice its size. The Pocket Chamber delivers a high concentration of respirable aerosol, to help provide relief from asthma symptoms while capturing large particles and reducing unwanted side-effects.

- whistle alerts patients if inspiratory rate is exceeded
- effective, affordable alternative to expensive aerosol delivery
- flexible port accepts virtually any MDI's mouthpiece

TECHNICAL SPECIFICATION

Size: 108 x 47.5 mm Mouthpiece: 22 mm external Ø Materials: All Latex Free Silicone User Manual: GB, FR, IT, ES, DE, PT, NL, GR, TR Volume: 110 ml Weight: 33 g Warranty: One year Made in USA

SPIROLAB III - DIAGNOSTIC SPIROMETER WITH SPO, OPTION



Quality spirometry, precise measurement The proven MIR digital turbine flow sensor requires **no calibration** and complies with ATS 24/26 waveforms.

Certified by Dr. Crapo at LDS Hospital, Salt Lake City - Utah



SpO, probe

included with 33522



STANDARD ACCESSORIES

Carrying case Battery charger 1 roll thermal paper Software Winspiro PRO. USB port and cable CD manual: GB, FR, IT, ES, DE, PT • 33521 SPIROLAB III - diagnostic spirometer with high resolution colour display, built-in printer and PC WINSPIROPRO software

• 33522 SPIROLAB III same as 33521 with SpO,

A really complete spirometry system:

- FVC, VC with breathing pattern plus MVV tests with real time curves

- over 30 parameters with automatic

interpretation and test quality control

- PRE/POST bronchial response protocol with F/V loop comparison
 - up to 8 blows curve on one screen
- internal database for about 6,000 complete tests
- predicted values with various authors
- rechargeable battery plus mains power 220 V, 50-60 Hz (110V on request)
- user-friendly keyboard with dedicated function keys plus alphanumeric data entry
- internal temperature sensor for automatic BTPS conversion
- free upgradable internal software from web, maintaining previously stored data
- selectable multilanguage internal software (GB, FR, IT). Possibility to order also with following internal languages: DE, ES, PL, PT, RU, CN, TR.

Finger Oximeter (33522 only)

- short or long term (overnight) SpO₃ and Pulse Rate measurements
- ODI, NOD, T90%, T89%, T88, T87%
- oximetry during exercise test
- 33410 ADULT MOUTHPIECES Ø 3 cm ext box of 500 pcs.
- 33492 THERMAL PAPER 112 mm x 25 m
- 33515 SpO₂ PROBE adult spare 33516 SpO₂ PROBE paediatric
- 33525 ANTIBACTERIAL FILTER disposable box of 50 pcs.
- 33507 DISPOSABLE TURBINE WITH INTEGRATED MOUTH-PIECE - box of 60
- 33524 CONNECTION CABLE MINIFLOWER-SPIROLAB III (532370) - spare
- 33523 CONNECTION CABLE MINIFLOWER-SPIROLAB and SPIROLAB II (532375) - spare

TECHNICAL SPECIFICATIONS 33521-33522

Flow/volume range: ± 16 l/s ±3% or 50 ml Volume accuracy: ±5% or 200 ml/s Flow accuracy: **Dvnamic resistance:** <0.8 cm H₂O/l/s 310x205x65 mm Dimensions:

FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, Parameters: FEV1/FEV6%, PEF, FEF25-75%, FEF25%, FEF50%, FEF75%, FET, Vext, *FVC, *FEV1, *PEF, PIF, FIVC, FIV1, FIV1/FIVC%, VC, IVC, ERV, IC, FEV/VC%, VT, VE, Rf, Ti, Te,

Ti/T-tot, VT/Ti, MVV *: Best value

PC System requirements: Windows 2000, ME, XP, Seven, Vista, 8.

Made in Italy.

Connection

cable (33523-4)

33521,

33522

Only 1.9 kg for truly portability

WinspiroPRO software included

(GB, FR, IT, DE, ES, PT, CZ, SE, NL, PL, LV, TR, RU, CN, JP)

PREVADE

Nose clip Reusable turbine

(33526)

SP-10 POCKET SPIROMETER



STANDARD ACCESSORIES

Internal lithium battery USB cable PC software (english language) User manual: GB, IT, ES,



• 33536 SP-10 POCKET SPIROMETER

• 33535 SP-10 POCKET SPIROMETER WITH BLUETOOTH

Pocket, portable spirometer with large TFT screen to clearly display both numbers and flow charts.

Synchronously measure FVC, PEF, FEV1, FEV1%, FEF25, FEF2575, FEF75.

Support diagnosis evidence by volume and flow rate chart display. Built-in predicted values.

Built-in lithium rechargeable battery and battery power display. Supplied with USB cable for PC connection, battery charger and software to calculate data and analyse trend.

• 33410 ADULT MOUTHPIECES - Ø 3 cm ext. - box of 500 pcs

TECHNICAL SPECIFICATIONS

Max volume: 10 l

Flow range: 2 l/sec - 16 l/sec

Volume accuracy: ±3% or 50 ml whichever is greater Flow accuracy: ±5% or 200 ml/sec whichever is greater Parameters: FVC, FEV1, PEF, FEV1%, FEV25, FEF2575, FEF75

CE 92/42 - EMC group I class B - protection type BF

DIGITAL SINGLE, 3 OR 3/6 CHANNEL ECG

- 33220 SINGLE CHANNEL ECG 100G
- large LCD display waveform and data
- high-resolution thermal printing array system frequency response is as high as 150 Hz

- capable of printing continuously on channel trace and annotations including lead mark and parameter such as sensitivity, paper speed and filter operation status

- high resolution digital filter inhibits baseline drift without

affecting ECG waveform

- floating input circuit meets IEC safety standard
- rechargeable battery supporting more than 50 patient examinations
- internal software: GB, IT, DE, TR, RU, CN
- manual: GB, IT, ES
 33225 RECHARGEABLE BATTERY spare
- 32968 PAPER ROLL 50 mm x 20 m box of 20
- 33328 ECG CABLE 10 leads spare



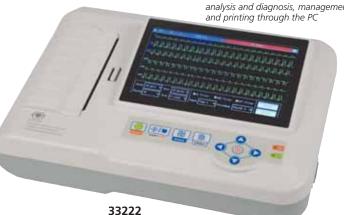
- 33222 6 CHANNEL ECG 600G monitor up to 12 channels
- 7" TFT, colour LCD touch screen
- 12 leads simultaneous display
- digital isolation technology and signal processing solution, digital filter
- patient management, name, age and id, detail analysis report
- built-in lithium rechargeable battery
- thermal printing system provides more than 10 printing modes
- can print 90 minutes and print out 150 ECG continually
- ECG-Sync software, USB connection to PC and built-in memory can store more than 1000 cases
- auto-measurement, auto-analysis and auto-interpretation
- internal software: GB, FR, IT, ES, DE, TR, PL, PT, SI, RU, KZ, CN
- PC software: GB. Manual: GB, IT, FR
- 33226 RECHARGEABLE BATTERY spare
- 32970 PAPER ROLL 110 mm x 20 m box of 10
- 33328 ECG CABLE 10 leads spare



33220

- 3.5" TFT colour LCD screen
- 12 leads simultaneous display
- thermal printing system
- AC and DC power supply
- high capacity built-in lithium rechargeable battery
- battery power supports up to 150 ECG continuous records
- built-in Database
- built-in memory can store more than 1000 cases
- digital signal processor for filter
- auto-measurement, auto-analysis, auto-interpretations
- ECG-Sync software, USB connection to PC
- internal software: GB, FR, IT, ES, DE, TR, PL, PT, SI, YU, RU, KZ, CN
- PC software: GB
- manual: GB, IT, ES, FR
- 33226 RECHARGEABLE BATTERY spare
- 32969 PAPER ROLL 80 mm x 20 m box of 10
- 33328 ECG CABLE 10 leads spare USB connection allows real-time

transmission to PC, remote data analysis and diagnosis, management



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		TECHNICAL	SPECIFICATIONS

1.5 kg

TECHNICAL SPECIFICATIONS						
		ECG 100G	ECG 300G	ECG 600G		
	Safety Type	Class I, type CF applied part, which has defibrillation-proof applied part				
	Lead	Standard 12 leads				
	Input way	Floating and defibrillation protection				
	Patient leak current	<10μΑ				
ECG	Sampling rate	800 Hz	1,000 Hz	1,000 Hz		
instrument	A/D conversion	12bit				
Input	Frequency response	0.05Hz~150Hz (-3dB, + 0.4dB)				
	Time constant	≥ 3.2s				
	CMRR	>60dB, >100dB(Add filter)				
	Enduring polarization voltage	±500mV				
	Noise level	<15µVp-p				
Dispose	EMG interference filter	35Hz (-3dB)	25Hz/35I	Hz (-3dB)		
Wave Data	AC filter	50Hz/60Hz (-20dB)				
	Recording way	Thermal printing system	Thermal printing system (32spots/mm)			
	Recording paper	50mm(W)×20m(L)	80mm(W)×20m(L)	110mm(W)×20m(L)		
	Sensitivity	5, 10, 20mm/mV	2.5, 5, 10, 20, 40 mm/mV			
Waveform output	Paper speed	Auto-record: auto leads	Auto-record: 25mm/s, 50mm/s			
output		changing Phythere are early 35 years to 50 years to				
		Rhythm record: 25 mm/s, 50 mm/s Manual-record: 25 mm/s, Manual-record: 5, 6.25, 10, 12.5, 25, 50 (only 33221),				
		Manual-record: 25 mm/s,				
D	1.0	50 mm/s	100 mm/s (only 33222)			
Power	AC	110-220V, 50/60 Hz 7.4V, 2000 mAh 7.4V, 3500 mAh				
supply	DC - Lithium battery	7.4V, 2000 mAh				
Fuse		2 pcs φ5×20mm AC time lag; T250mA/250V(Power Supply:220V)				
F	Size	315 x 215 x 77 mm				

1.6 kg



STANDARD ACCESSORIES

ECG cable - 1 set Limb electrode clamp - 1 set chest electrodes - 1 set Ground wire Power connection Paper roll USB connection and PC software (only 33221 and 33222)

• 33228 CARRYING BAG 39x29x14 cm



Net Weight



OXY-5 AND OXY-6 PROFESSIONAL OXIMETERS



- 34282 OXY-5 FINGERTIP OXIMETER
- 34265 OXY-5 PEDIATRIC FINGERTIP OXIMETER
- 34285 OXY-6 COLOUR FINGERTIP OXIMETER

To monitor pulse oxygen saturation and pulse rate through patient's finger (10-22 mm finger thickness for 34282, 34285 - 8-16 mm finger thickness for 34265) in medical and hospital environments.

Main features:

- SpO₃ and pulse rate measurement

unique noise rejecton capability feature

- bargraph of pulse rate
- perfusion index display. P.I. is a numerical value that indicates the blood perfusion condition at the sensor site. It is a relative value that varies from patient to patient and from measuring site - high accuracy and repeatability: products are manufactured by GIMA (in P.R.C. facilities) under strong quality controls guaranteed by Italian notified body (CE 0476 CERMET) - accuracy from the first reading in few seconds thanks to a
- extra stability against motion during measurement (finger bending, Parkinson's disease, hand movement, button pressing)

- audible and visible alarms
- automatic power on and power off when finger is out
- low voltage alarm display

Italian manufacturer (made in P.R.C.)

- 8 or 9 language manual (GB, FR, IT, ES, DE GR, PT, PL*, Arabic)
- 50 hours working time with full batteries (30 hours for oxy-6)
- supplied in plastic case with batteries and pouch
- 4 direction adjustable display (Oxy-6 only)

	• 35076 CORDURA BAG with belt loop - blue *34265, 34282 only								
TECHNICAL SPECIFICATIONS									
		RANGE	ACCURACY	RESOLUTION					
	Pulse rate:	30-240 bpm	± 2 bpm (2%)	1bpm					
	SpO ₂ :	35%-99%	± 2% (75-99%)	1%					
	-		± 3% (50-75%)						
	Perfusion:	0-20%	± 0.1% (0,2-2%)	0.1%					
	Index:		± 0.2% (2-10%)						
	Alarm: SpO ₃ : low limit 90%								
	Pulse rate: low: < 50 bpm - high > 120 bpm								
	Power:	1.5V (AAA size) alkaline battery x 2							
	Norms:	lorms: IEC 60601-1-2 Class II (€ 0476							
	LCD Display: oxygen saturation, pulse rate, low battery indicator								
	Size - weight: 6.6x3.6x3.3 cm - 60.g including batteries								

OXY-3 OXIMETER



- simple operation, small & lightweight design, portable

- display SpO₂, SpO₂ waveform, PR, Pulse bar - low power consumption

- 2 AAA alkaline batteries included

- low battery indication, auto power off

- accommodates widest range of finger sizes from pediatric to adult

- soft silicone padding, strong slip
- resistant clip, non-invasive, no pricking
- 4 direction display
- user manual in GB, IT, ES, FR
- 35075 SILICONE COVER light blue
- 35076 CORDURA BAG with belt loop - blue

35075 35090 35076

'-4 COLOUR OXIMETER **DUAL COLOUR OLED DISPLAY** 35092

35091 **(** € 0123

- 35091 OXY-4 OXIMETER blue
- 35092 OXY-4 OXIMETER orange
- 35093 OXY-4 OXIMETER other colour (minimum 100 pieces) Select colour with order

Fingertip pulse oxymeter to monitor pulse oxygen saturation, pulse rate, and perfusion index.

- it is light, small in size and easy to take
- accurately measures SpO₂ value and pulse rate value dual-color display of SpO₃, PR, PI, Plethysmogram and pulse bar measuring range, SpO₂ 35 99%, Pulse rate 30 240 bpm
- innovative 4 directions display
- automatic power On/Off
- more than 30 hours continuous working with 2AAA alkaline batteries
- audible and visible alarm function
- battery voltage indication, low battery voltage alarm
- prevention against water ingress, drop resistant manual in 8 languages: GB, FR, IT, DE, ES, PT, GR, PL
- 35076 CORDURA BAG with belt loop blue

GIMA RESUSCITATORS WITH DOUBLE STAGE VALVE



GIMA RESUSCITATOR BAGS

The line offers 3 models of different size: adults, children. infants and an adult kit. All models are supplied with pressure relief valve and equipped with connector under EN 1281-1 directive for: peep valve, intubation fitting, reservoir, oxygen intake, face mask. Each resuscitator can be completely disassembled for cleaning and sterilization. Made in Italy. Autoclavable at 121°C max 20 times.

- 34230 RESUSCITATOR BAG with mask N°4 adult With a special double stage valve at 54 m/bar. Volume 1800 cc.
- 34233 RESUSCITATOR BAG with mask N°3 child
- With a special double stage valve at 54 m/bar. Volume 800 cc. • 34232 RESUSCITATOR BAG - with mask N°2 - infant/newborn
- With a special double stage valve at 54 m/bar. Volume 400 cc. • 34231 RESUSCITATOR BAG - adult with kit bag Same characteristic as code 34230. It is supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways
- (small, medium and large) oxygen tube, in a nylon bag. • 34271 NYLON BAG - 18.5x15xh 30 cm - spare



SILICONE TRANSPARENT AUTOCLAVABLE RESUSCITATORS

SILICONE RESUSCITATORS - latex free

Transparent resuscitators made of silicone and polysulfone fully autoclavable at 134°C.

• 34244 SILICONE RESUSCITATOR KIT - adult

Supplied with silicone face mask N° 4, 60 cm H₂O pop-off valve, oxygen tube 2 metres, autoclavable reservoir valve and 2500 ml reservoir bag. Volume: 1,600 ml.

• 34245 SILICONE RESUSCITATOR - adult

Supplied with silicone face mask N° 4. Volume: 1600 ml.

• 34246 SILICONE RESUSCITATOR - child

Supplied with silicone face mask N° 3 and 40 cm H₂O pop-off valve. Volume: 500 ml.

• 34247 SILICONE RESUSCITATOR - infant

Supplied with silicone face mask N° 1 and 40 cm H₂O pop-off valve. Volume: 280 ml. All silicone resuscitator have multilanguage manual: Intake valve

34244







€ 0476

All resuscitators

are LATEX FREE

34245

• 34243 SILICONE **RESUSCITATOR BAG KIT - adult** Supplied with silicone face mask N° 4, 60 cm H₂O pop-off valve, oxygen tube 2 metres, autoclavable reservoir valve and 2,500 ml reservoir bag (volume: 1,600 ml), helicoidal mouth wedge (34273), tongue holding forceps, 10 Guedel airways (34439) with Cubo emergency bag (27163).



