



COMPANY

PRODUCTS

CONTACTS

QUALITY

NEWS

CLASSIFICATIONS

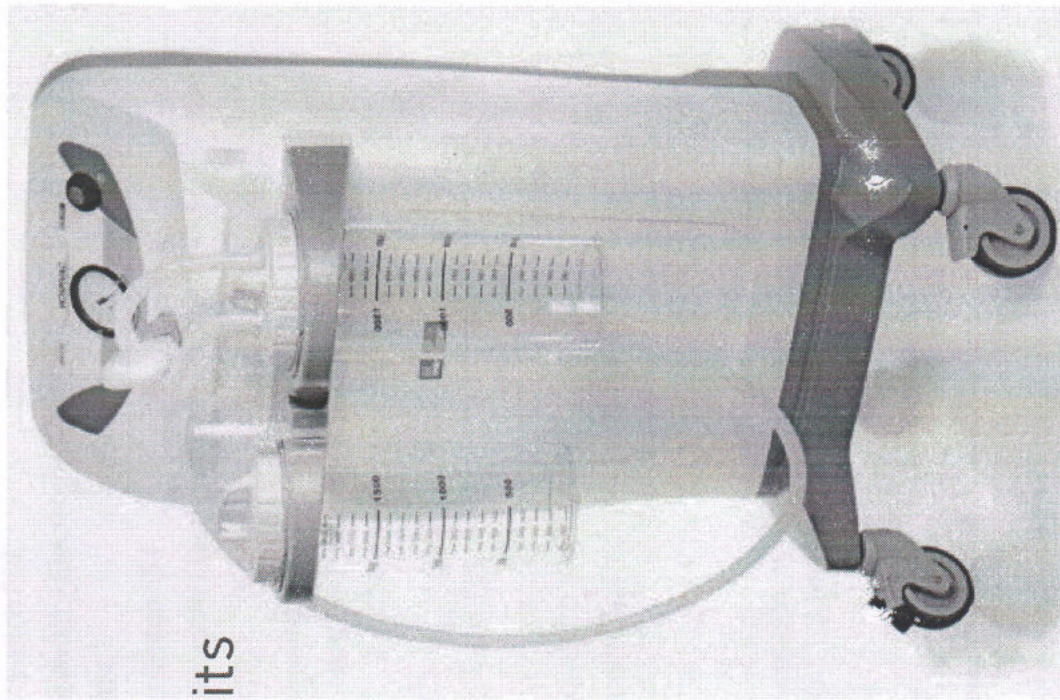


New Hospivac 350

Operating Theatre suction units

MAIN APPLICATIONS

Emergency Dept.
Operating Theatre
General Surgery
Neurosurgery
Obstetrics
Dental Practice



NEW HOSPIVAC 350 has been designed for professional aspiration of bodily fluids, gases, tissues or bones of the patient during or after surgery. The state-of-the-art oilless pump guarantees high performances with

excellent suction capacities and max vacuum reachable within a few seconds, with no need for maintenance. A clear dashboard along with a full range of accessories makes it the ideal device for surgical suction and liposuction.

AVAILABLE CONFIGURATIONS

● RE 410356	2 jar 2000 ml BASIC2
● RE 410356/06	2 jars 2000 ml +Footswitch FS2
● RE 410356/01	2 jars 2000 ml +Footswitch+ Electronic Change-Over FULL2
● RE 410356/05	2 jars 4000 ml BASIC4
● RE 410356/07	2 jars 4000 ml +Footswitch FS4
● RE 410356/08	2 jars 4000 ml +Footswitch+ Electronic Change-Over FULL4
● RE 410356/39	2 jars 5000 ml BASIC5
● RE 410356/40	2 jars 5000 ml +Footswitch FS5
● RE 410356/41	2 jars 5000 ml +Footswitch+ Electronic Change-Over FULL5

with FLOWAC® Disposable Liners

● RE 410356/02	2 jar 3000 ml BASIC3
● RE 410356/09	2 jar 3000 ml +Footswitch FS3
● RE 410356/27	2 jar 2000 ml BASIC2
● RE 410356/29	2 jar 2000 ml +Footswitch+ Electronic Change-Over FULL2
● RE 410356/28	2 jar 2000 ml +Footswitch+ Electronic Change-Over FULL2

Jars in APEC® autoclavable up to 143°C available upon request

INCLUDED ACCESSORIES

Liquid Collection Jars with overflow valve system (different options, see below)
8x14 Silicone Tubes (autoclavable) + Conical Connector ø 10-11-12mm
Antibacterial and Hydrophobic Filter (single-patient)

FEATURES

Motor	Oilless and maintenance-free piston pump
Power Feeding	230V-50 Hz
ISO 10079-1 Classification	HIGH VACUUM / HIGH FLOW
Max free air flow rate	60 l/min
Max Vacuum (adjustable)	-0.90 Bar -90 kPa -675 mmHg
Noise level	51,7 dB



230 VA

1 x F4 A 250 V

Non-stop operation

13 Kg

46x85x42 cm

2

ITALY

CA-MI srl - Via Ugo La Malfa 13 - Frazione Pilaastro, 43013 Langhirano (PARMA) - Italy - P.IVA - CF - N° di Iscrizione c/o Registro Imprese di Parma: 00977090349

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28 Marzo 2013

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Mach LED 120 examination lights



Mach LED 120

40.000 Lux

Mach LED 120 F

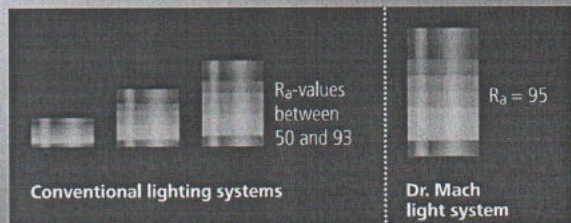
60.000 Lux

Compact examination light
with LED-technology

for diagnosis and prophylaxis

Dea

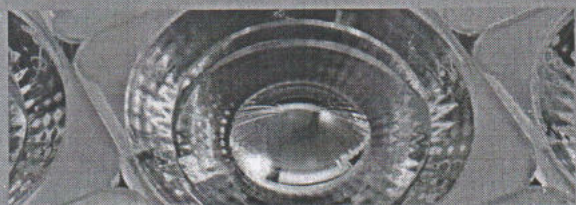
Dr. Mach LED-technology



Superiour colour rendition

With outstanding colour rendering indexes $R_a = 95$ the surgeon recognizes clearly the tiniest nuances of colour in tissue.

The colour spectrum of the wound is rendered naturally with rich contrast. The OT-light clearly provides welcome relief for your eyes.



Facetted multi-lens system

A multitude of computer-calculated facetted lenses guarantees homogeneity and lowest shadiness in the light field. Separately arranged optical systems, each with one LED module, generate their own light field, which increases the contrast effect of the OT-light. Light intensities of 50.000 Lux can be attained without difficulty.



Key pad on the lamp housing

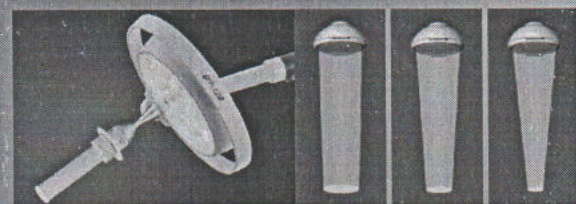
The following light functions can be adjusted electronically, such as:

- Switching ON and OFF
- Electronic light intensity control



Handling

During development high attention was paid to easy handling and high ease of maintenance. Furthermore the flow-enhancing ring form and the minimal surface avoid any heat increase in the surgeon's head area and create a perfect laminar flow performance. The light can be positioned exactly to the wound field with the handle.



Focusing (optional)

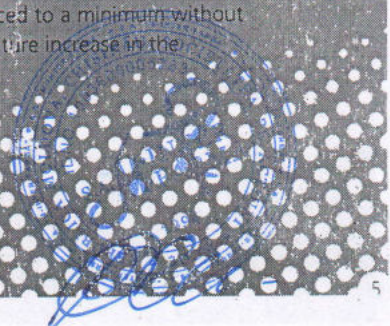
The light field can be focused by turning the handle (pictured sterilisable handle available as an option against surcharge). The focussable light beam allows a punctual illumination of deepest wound channels with light intensity and a exact matching of the light field diameter with the size of the wound field.

Long life-span/low power consumption

The life-span of more than 60.000 operating hours reduces the costs for exchanging and replacing the illuminants considerably, compared with the conventional halogen technology used with former OT-lights. By implementation of the LED technology the power consumption could be reduced partially with more than 50%.

Cool light

The LED technology is much more effective than conventional light sources such as halogen bulbs. The heat radiation is reduced to a minimum without using any expensive filter technique. The temperature increase in the surgeon's head area is almost nonexistent.

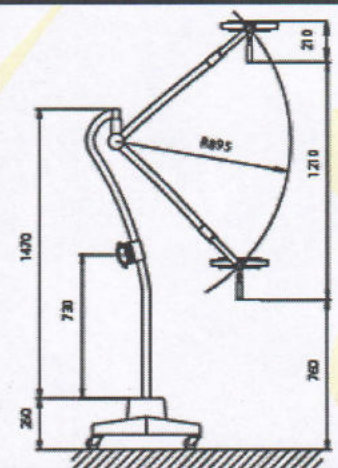


Mach LED 120 mobile lights

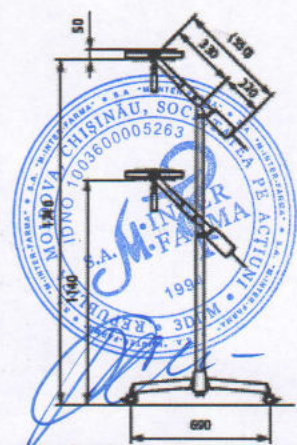
LED 120 mobile
with five castors
and short arm

LED 120 with four castors

Mobile light with four castors



Mobile light with five castors



Technical data ⁽¹⁾ Mach LED 120 light system	Mach LED 120 F ⁽²⁾	Mach LED 120 ⁽³⁾
Light intensity at 1 meter distance	50.000 Lux	40.000 Lux
Colour temperature	4.500 Kelvin	4.500 Kelvin
Colour rendering index R _a ⁽⁴⁾ at 4300 Kelvin	95	95
Focussable size of the light field	15 – 20 cm	17 cm
Working distance	70 – 140 cm	70 – 140 cm
Diameter of the lamp head	29 cm	29 cm
Temperature increase in head area	0,5° C	0,5° C
Electronic light intensity control at the lamp head	standard	standard
Number of LEDs	12	12
Life-span of the LED's	60.000 h	60.000 h
Total power consumption	18 W	18 W
Height adjustment	121 cm	121 cm

⁽¹⁾ Further technical details in the data sheet of the lamp, available upon request

⁽²⁾ F-models with focussing

⁽³⁾ models with fixed focus

⁽⁴⁾ R_a is an average of R₁ = burnt pink, R₂ = mustard yellow, R₃ = yellow green, R₄ = light green, R₅ = turquoise blue, R₆ = skyviolet, R₇ = violet, R₈ = lilac.
Maximum value = 100.

Dual-function UV-C flow germicidal lamps

2-function flow germicidal lamps with an external radiator of direct action guarantee a full range of disinfectant action. It gives a possibility of intensive disinfection of the air in the presence of people (UV-C flow chamber – **function I**) and direct disinfection of the whole room when the personell and patients stay outside the room (UV-C direct radiation tube – **function II**). Disinfectant action of the external radiator is similar to standard germicidal lamps NBV series. UV-C radiation disinfects the air and surfaces in the room (walls, table tops, objects, etc.) Thanks to its nature it also reaches different nooks as reflected light.

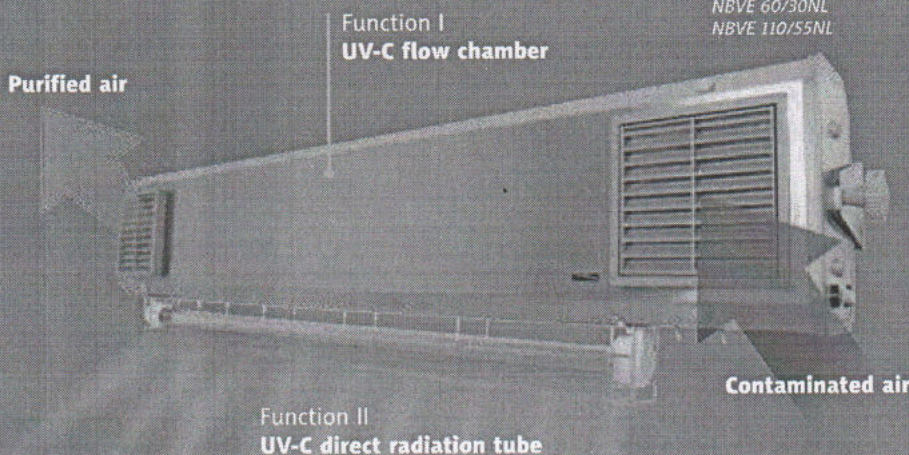
Both functions are independent of each other.

NEW OPTION

ON / OFF
remote control
(designation – RC)

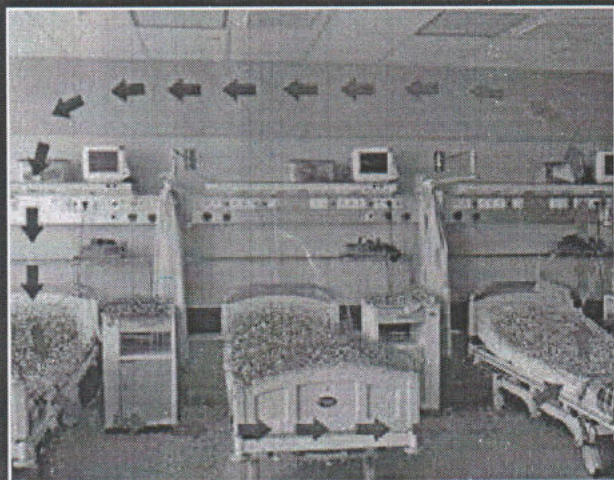
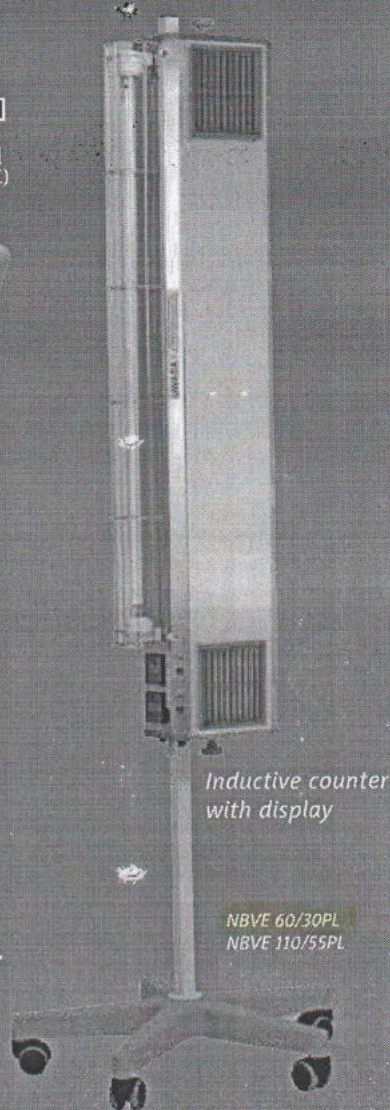


NBVE 60/30NL
NBVE 110/55NL

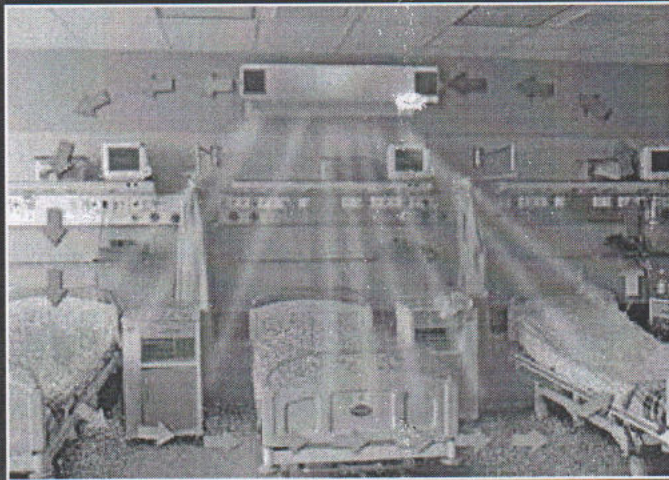


Inductive counter
with display

NBVE 60/30PL
NBVE 110/55PL



Contaminated air in the room without germicidal lamps



Process of the air treatment with the use of internal and external UV-C tube (air and surfaces)

Lamp type	NBVE 60	NBVE 110	NBVE 60/30	NBVE 110/55
Supply voltage	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Power requirement	75 VA	115 VA	105 VA	145 VA
UV-C tube PHILIPS or OSRAM	2 x 30 W	2 x 55 W	2 x 30 W internal 1 x 30 W external	2 x 55 W internal 1 x 55 W external
Lifetime of UV-C tube	min. 8000 h	min. 8000 h	min. 8000 h	min. 8000 h
Radiation intensity of the external UV-C radiator at the distance of 1 m	—	—	100 μ W / cm ²	150 μ W / cm ²
Ventilator capacity	132 m ³ /h	199 m ³ /h	132 m ³ /h	199 m ³ /h
Cubage of disinfected room	25-50 m ³	45-90 m ³	25-50 m ³	45-90 m ³
Effective area of the lamp	10-20 m ²	18-36 m ²	10-20 m ²	18-36 m ²
Class of protection against electric shock	I	I	I	I
Cover type	IP 20	IP 20	IP 20	IP 20
Dimensions [mm] :				
Dome	1125x215x130		1125x285x130	
Overall dimensions – N making (wall mounted)	1190x215x145		1190x285x145	
Overall dimensions – S making (ceiling mounted)	1190x330x130		1190x400x130	
Overall dimensions – P making (mobile)	600x1740x600		600x1740x600	
Mass - N making (wall mounted)	8,5 kg	9,0 kg	9,0 kg	9,5 kg
Mass - S making (ceiling mounted)	8,5 kg	9,0 kg	9,0 kg	9,5 kg
Mass - P making (mobile)	13,0 kg	13,5 kg	13,5 kg	14,0 kg

We select the number of UV-C flow germicidal lamps taking the cubage of the room into consideration – look at the table above. ULTRA-VIOL fullfills untypical orders as well. The producer reserves the right to innovate in the construction relevant the improvement of the manufacture.

FLOW GERMICIDAL LAMPS ARE STANDARDLY EQUIPPED WITH WORKING TIME COUNTER WITH DISPLAY



Inductive counter L



Counter LW

Digital counter LW with microprocessor with the display 4 field LED. Acoustic signaling the moment of exchange uv bulbs.



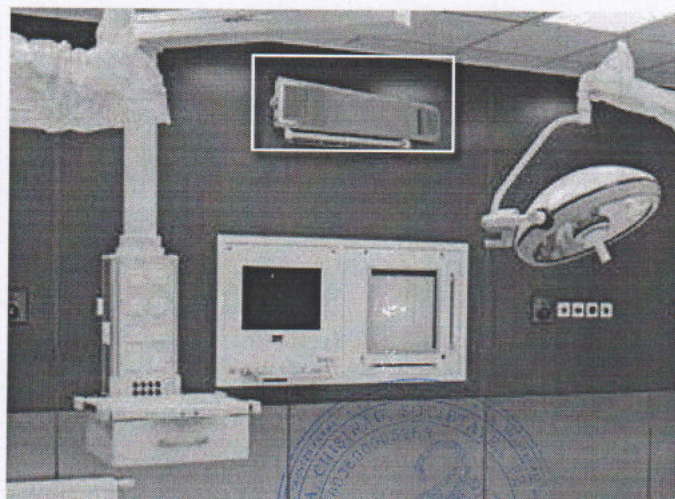
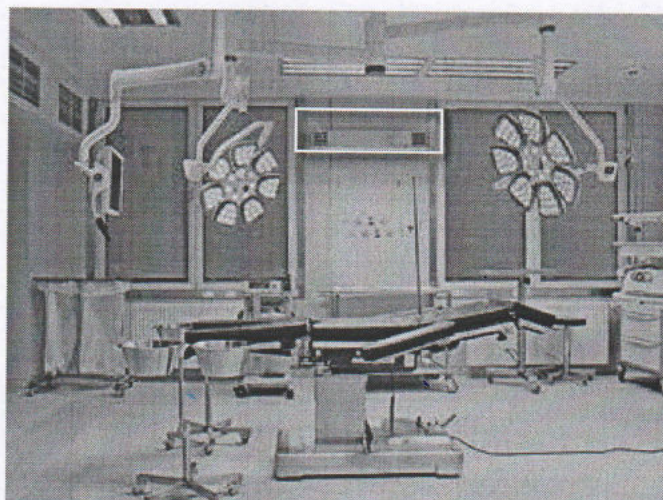
Counter LW ST
Counter LW,
ON/OFF key switch



Counter LW SK
Counter LW,
ON/OFF key switch,
illuminated indicator



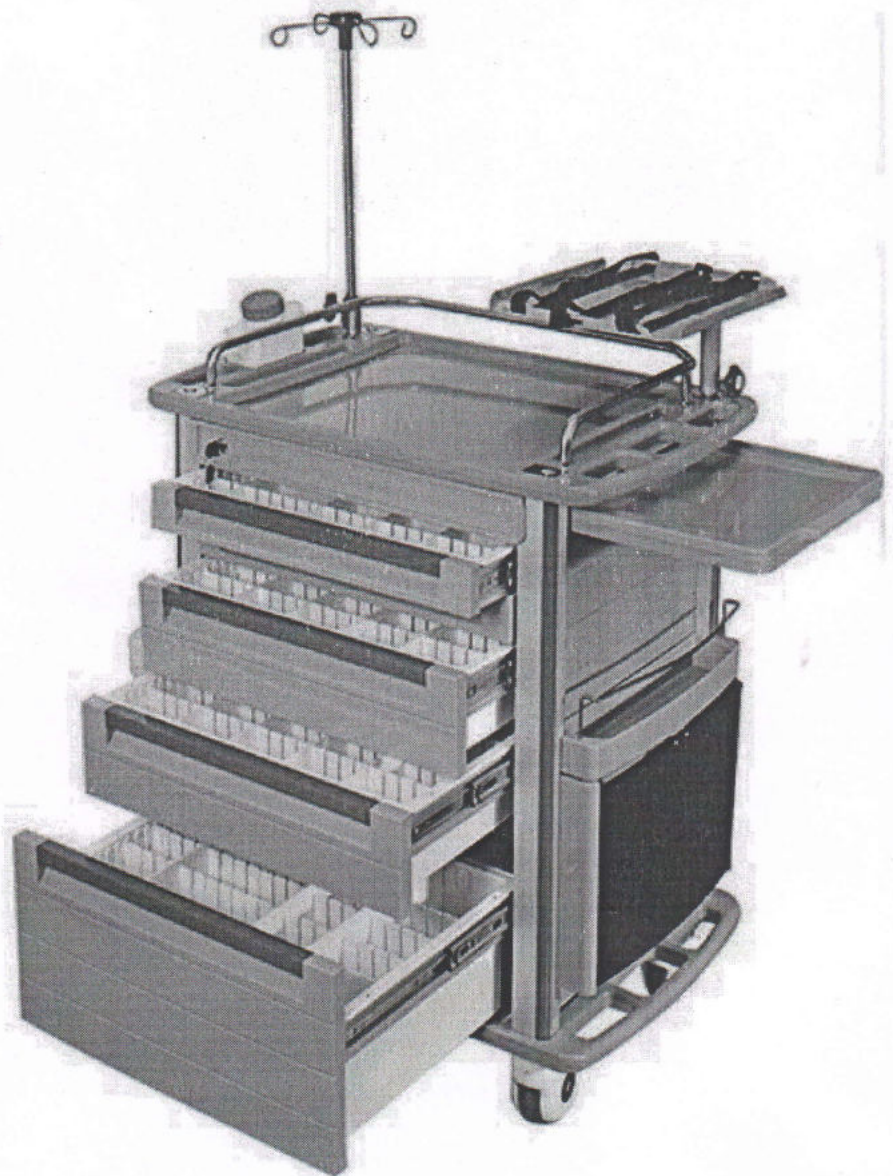
MD motion detector
Acoustic signal warning of danger – the lamp is turned on



The manufacturer **ULTRA-VIOL Sp.j.** provide advise and consultation on the use of UV-C germicidal lamps.



K040 / E Intensive Care Trolley
K040 / E
Kenmak
Kenmak Hospital Furnitures LTD.



- The whole trolley is including 5 layers of drawers, 2 small size, 2 medium size, 1 large size.
- Drawer mainly consists of bottom panel board, frame and size adjustable plastic medicine tray.
- Inner part is made of steel.
- Trolley has stainless steel top plate.
- It is matched with CPR board, oxygen cylinder holder and needle disposal bottle.
- Besides, trolley includes 2pcs garbage bins, 1 pc transparent file box, 1 pc sliding side board, 1 pc metal salver for monitor/computer and 1 pc I.V. Pole.

