

IBSGROUPE CUSTOMISED TECHNICAL DATA SHEET

WEINMANN MEDUCORE Standard² - Complete Configuration

Compact monitor / defibrillator for AED, 6-lead ECG, NIBP and SpO2

IBS Ref.: IBSLTD147 - IBSGROUPE commercial configuration based on the supplied item list.

The **MEDUCORE Standard²** is a compact monitor/defibrillator designed for pre-hospital emergency care and medical transport. In the configuration described here, it combines **AED mode**, **6-lead ECG** monitoring, non-invasive blood pressure (**NIBP**) measurement and pulse oximetry (**SpO2**). Advanced functions such as 12-lead ECG, manual defibrillation and cardioversion are offered by WEINMANN as options depending on the activated configuration.

Functions and key benefits

- **Basic Life Support:** SpO2, NIBP, 6-lead ECG and AED mode
- **5.7-inch colour TFT display**, 640 x 480 pixel resolution
- **Biphasic, current-controlled, impedance-compensated** defibrillation waveform
- Energy adjustable from **1 to 200 J**; charging time approx. **8 s** at 200 J
- Approx. **5 h monitoring** battery runtime
- **IP55** protection for emergency transport use
- Internal memory approx. **9.5 h**; 32 GB SD card approx. **1,675 h**
- WLAN, Bluetooth® and SD card data interfaces, depending on activated options/configuration

Main technical specifications

Specification	Value
Manufacturer	WEINMANN Emergency Medical Technology GmbH - Germany
Dimensions (W x H x D)	242 x 137 x 130 mm
Weight incl. battery	approx. 2.75 kg
Weight excl. battery	approx. 2.25 kg
Product class published by manufacturer	IIb (Directive 93/42/EEC on manufacturer technical page)
Display	5.7-inch colour TFT - 640 x 480 pixels
Temperature - temporary operation	-20 °C to +55 °C
Temperature - continuous duty	0 °C to +40 °C
Ambient humidity	15 % RH to 95 % RH
Air pressure	540 to 1,100 hPa
Power supply	12 V to 15.1 V
Battery runtime	approx. 5 h monitoring
Battery charging 0-90 %	approx. 3.5 h
Degree of protection	IP55

Monitoring and defibrillation parameters

Specification	Value
ECG	6-lead ECG in the described base configuration; 12-lead ECG optional
Heart rate	30 to 250/min
Pulse rate	30 to 250/min
SpO2	45 % to 100 %

Specification	Value
NIBP systolic	40 to 260 mmHg
NIBP diastolic	20 to 200 mmHg
NIBP interval measurement	30 s to 60 min
Shock waveform	Biphasic, current-controlled, impedance-compensated
Energy	1 to 200 J
Charging time	approx. 8 s at 200 J
Patient impedance	5 to 200 Ω
AED mode	Rhythm analysis with visual and voice prompts; ERC 2015 protocol stated by manufacturer

Complete Supplied Configuration - IBSGROUPE

The list below reproduces the commercial configuration communicated for **IBSLTD147**.

Qty	Item	Reference
1	MEDUCORE Standard ²	-
1	Adult defibrillation electrodes	WM 45418
1	ERC ECG cable, 2 m	WM 45451
1	ECG cable separators / guide	WM 45450
50	Adult and child ECG electrodes	WM 45201
1	SoftTip® pulse oximetry sensor, size M, reusable	WM 45432
1	Pulse oximetry sensor connecting cable	WM 45430
1	Adult NIBP cuff, 23-33 cm, reusable	WM 45463
1	NIBP connecting tube, 2 m	WM 45481
1	Battery	WM 45045
1	Trunk / source cable	WM 45397
1	Function test resistor	WM 45428
1	SD card, 32 GB	WM 39510
1	Protective transport bag	WM 45490
1	Transport bag adapter	WM 9714

Additional items included

Qty	Item	Reference
1	Adult Plus NIBP cuff, 28-40 cm, reusable	WM 45464
1	Large Adult Plus NIBP cuff, 40-55 cm, reusable	WM 45465
1	Set of 5 hooks for ear-clip pulse oximetry sensor	WM 45443

WEINMANN options available depending on configuration

- Manual defibrillation and synchronized cardioversion
- 12-lead ECG
- Session data upload / WEINMANN Connect
- Bluetooth® transmission to compatible patient data systems
- External 80 mm thermal printer

Standards / compliance

Main references published by WEINMANN: DIN EN 60601 series, DIN EN 1789, RTCA DO 160 and MIL-STD 810. **IBSGROUPE commercial warranty: 1 year parts and labour**, according to the offer terms.

Sources: official WEINMANN Emergency MEDUCORE Standard² technical data; instructions for use for accessory references. Options are included only when explicitly listed in the supplied configuration above.