

Technical data

- 12 leads: I,II,III,avR,avL,avF,V1,V2,V3,V4,V5,V6
- 14 connections with 4 mm banana plugs and pushbuttons
- Identification and colour code: DIN EN 60601-2-51
- Digital storage 1,6 Mbit
- Amplitude resolution 8 Bit
- Scanning frequency 256 Hz
- Signal bandwidth 0 – 120 Hz
- Signal amplitudes (min – max)
 - Lead I + 1.35 – 1.49 mV
 - Lead II + 2.35 – 2.49 mV
 - Lead III + 0.95 – 1.06 mV
 - Lead V1 - 2.12 – 2.30 mV
 - Lead V2 - 0.55 – 0.61 mV
 - Lead V3 + 1.03 – 1.14 mV
 - Lead V4 + 2.11 – 2.21 mV
 - Lead V5 + 1.75 – 1.85 mV
 - Lead V6 + 1.40 – 1.51 mV
- Time base Quarz 32768 Hz
- Output impedance: Electrode connections: 20 Ohm; 1V outputs: 100 Ohm
- Waveforms
 - 8 sinus rhythms (normal QRS)
 - 30,45,60,75,90,120,150,180 BPM
 - 7 supraventricular arrhythmia
 - 9 ventricular arrhythmia
 - 3 pacemaker
 - 2 ST segments (elevation, depression)
 - Each with horizontal, ascending and descending ST wave
 - Bradycardia
 - Tachycardia
 - ECG with artefacts
 - ECG with interference 50/60 Hz
- Signal width: PQ, QRS, QT depending on RR interval (after Lepeschkin)
- Battery Standard 2 x 1.5-V LR 6
- Battery life Approx. 100 hours continuous operation
- Surroundings
 - Working temperature 0 bis 40 °C
 - Storage temperature -20 bis 80 °C
 - Air humidity: 10% - 90% noncondensing
 - Barometric pressure 700 - 1500 hPa
 - Dimensions (LxWxH) 150 x 100 x 40 mm
 - Weight 400 grams, including battery

