

Technical Data

Dynamic range	+/- 316 mV DC
Sample rate	8000 Hz [125 μ s] for each of the 10 electrode channels
Resolution	1 μ V/LSB [0,01 mm]
Frequency range	0 - 150 Hz
Pacemaker detection	Digital monitoring of all electrodes
Input impedance	> 50 MOhm
Electrodes check	Frequency analysis and impedance measurement
Input protection	Against defibrillator shock ¹⁾ and HF from surgery devices
Patient cable connection	15-Pin D-Sub for 10-lead patient cable
Applied part	Type CF
PC interface	USB 2.0 (5 metres USB cable)
Power supply	By the USB port of the PC
R wave trigger output	Via LPT port of the PC
Size	95 mm x 64 mm x 28 mm
Weight	90 g
Standards	DIN EN 60601-1; DIN EN 60601-2; DIN EN 60601-2-25; DIN EN 60601-2-51; ANSI/AAMI EC 11

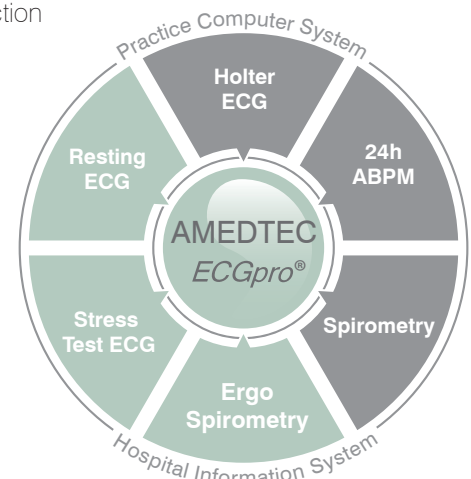
Note:

1) Patient cable or suction electrode system must feature a protective resistor of 10 kOhm in each of the cables.
The use of such patient cable provides for protection against defibrillator discharge.

Supported KIS, PACS, and BDT/GDT communication	CardioPart 12 USB	CardioPart 12 USB-P (part. intended for GPs)
BDT/GDT	✓	✓
HL7/DICOM	✓(Option)	—

Available ECG options	CardioPart 12 USB	CardioPart 12 USB-P (part. intended for GPs)
<i>m</i> Resting ECG with automatic measurement	✓	—
<i>mr</i> Resting ECG with automatic measurement and rhythm ECG option	✓	✓
<i>i</i> Resting ECG with automatic measurement, interpretation and rhythm ECG option	✓	✓
<i>s</i> Resting and stress test ECG with automatic measurement, interpretation, ST measurement, rhythm ECG option, and control of ergometers and blood pressure meters	✓	✓
<i>as</i> Resting and stress test ECG with automatic measurement, interpretation, ST measurement, rhythm ECG option, control of ergometers and blood pressure meters, and online arrhythmia detection	✓	—

CE Certificates:
DIN EN ISO 9001
0494 DIN EN ISO 13485



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M0508 011-0459-2_02