HEALTH IS THE HEART OF OUR BUSINESS.

AMEDTEC
Medizintechnik Aue GmbH

CARDIOPART 12 USB / USB-P

THE 12-LEAD PC ECG

The ECG with high flexibility
Easy handling
Excellent measurement technology
Reliable pacemaker detection
Fits perfectly into a paperless workflow

MANAGE COMPLEX DATA EASILY
AMEDTEC ECGpro®

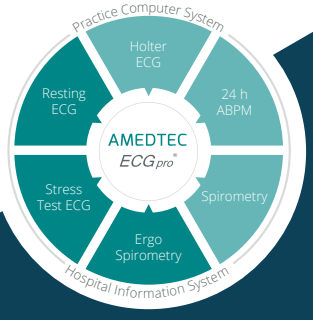
TECHNICAL DATA

Dynamic range	+/- 316 mV DC
Sampling rate	8 kHz for each of the 10 electrodes
Resolution	1 µV / LSB [0.01 mm]
IMRR	> 120 dB
Frequency range	0.05 - 150 Hz
Pacemaker detection	Digital monitoring of all electrodes
Input impedance	> 50 MOhm
Input protection	Type CF, against defibrillator pulses with accompanying patient cables [1]
Electrode test	Frequency analysis and impedance measurement
Patient cable connection	15 Pin D-Sub
Classification	Class IIa
PC interface	USB 2.0, plug type A, 5 m USB cable
Power supply	USB interface of the PC
Protection type	IP20
QRS trigger	LPT interface of the PC
Dimensions	95 mm × 64 mm × 28 mm (L × W × H)
Weight	90 g
Operating mode	Continuous operation
Standards	DIN EN 60601-1, EN 60601-1-2, DIN EN 60601-2-25, MDD 93/42/EWG

[1] The patient cable or the suction electrode system must have a protective resistance of 10 kOhm in every electrode cable.

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)
m	Resting ECG with automatic measurement	✓	–
mr	Resting ECG with automatic measurement and rhythm ECG option	✓	✓
i	Resting ECG with automatic measurement, interpretation and rhythm ECG option	✓	✓
s	Resting and stress test ECG with automatic measurement, interpretation, ST measurement, rhythm ECG option, and control of ergometers and blood pressure meters	✓	✓
as	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	✓	–



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CE 0494 DIN EN ISO 13485

Errors and omissions excepted
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