

HEALTH IS THE HEART OF OUR BUSINESS.

CARDIOPART 12 BLUE / BLUE-P

THE WIRELESS 12-LEAD PC ECG

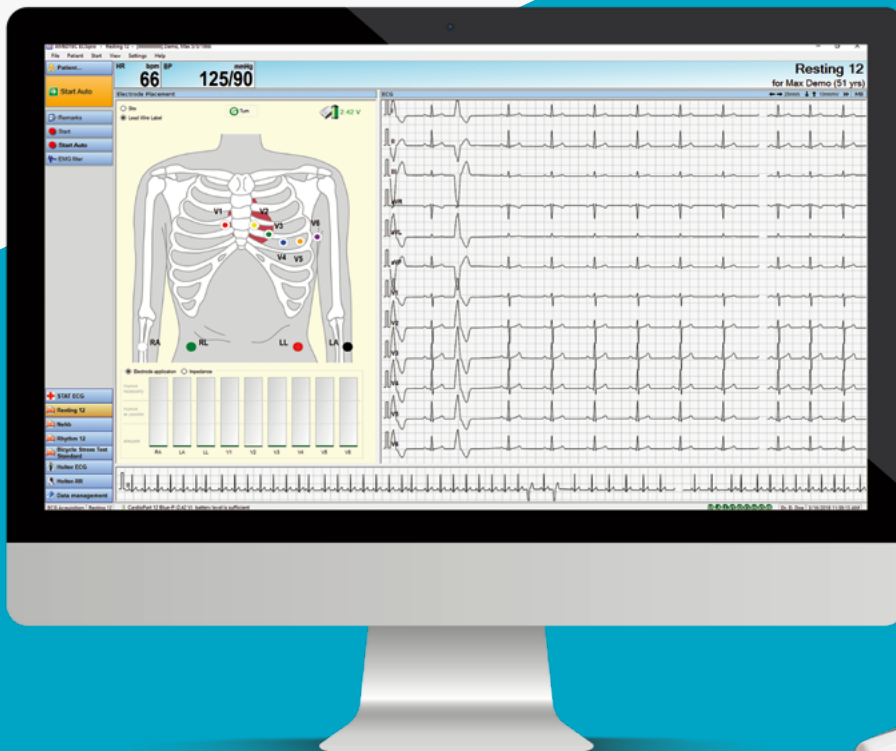
Wireless data transmission via Bluetooth

Easy handling

Excellent, proven technology

Reliable pacemaker detection

Fits perfectly into a paperless workflow



CARDIOLEX GROUP



TECHNICAL DATA

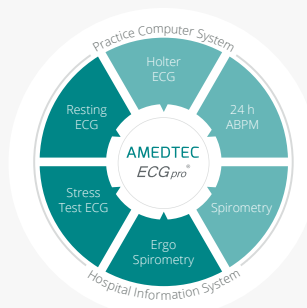
Dynamic range	+/- 316 mV DC
Sampling frequency	8 kHz on each electrode channel
Resolution	2,4 µV / LSB [0.02 mm]
IMRR	> 120 dB
Frequency range	0.05 - 150 Hz
Pacemaker detection	Digital monitoring of all electrodes
Input impedance	> 50 MOhm
Input protection	Against defibrillator pulses ¹⁾
Electrode test	Frequency analysis and impedance measurement
Patient cable connection	15 Pin D-Sub
Classification	Risk class IIa
Application part	Type CF
PC interface	Bluetooth 2.0 classes 1 or 2
Power supply	2x mignon (AA) alkaline / accu NiMH, approx. 10 hours ECG acquisition
QRS trigger	433.9 MHz SRD radio transmitter ²⁾
Dimensions	117 x 68 x 28 mm
Weight	Approx. 160 g
Operating mode	Continuous operation
IP Code	IP20
Ambient conditions	
Operation	Temperature: +5 °C to +40 °C; Relative humidity: > 25 %, < 85 % non-condensing; Atmospheric pressure: 70 kPa to 106 kPa
Transport and storage	Temperature: -25 °C to +70 °C; Relative humidity: < 95 % non-condensing
Standards	DIN EN 60601-1; DIN EN 60601-1-2; DIN EN 60601-2-25

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

2) Version "T", only

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

AMEDTEC Medizintechnik Aue GmbH
 Schneeberger Straße 5 · 08280 Aue · Germany
 Phone: +49 (0)3771 59 82 70
 Fax: +49 (0)3771 59 82 790
 info@amedtec.de · www.amedtec.de



0494 DIN EN ISO 13485

Errors and omissions excepted
 M0754 016-0423-2_04