



# 12-Channel PC ECG

custo cardio 300 | Resting and Stress ECG

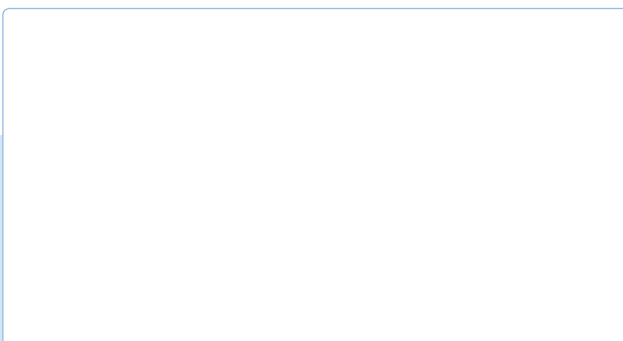


## custo cardio 300

- Sampling rate up to 32kHz which gives higher resolution and improved pacemaker detection
- Interchangeable patient cables (banana, clip, connection to suction system possible) offering the highest levels of versatility
- Quality of the patient connection displayed directly on the device
- Start/stop-button for ECG recording directly on the device
- Operating time with rechargeable battery approx. 10h
- Available with rechargeable battery or battery (2xAAA)
- Online-control for ECG recording (10 sec.) – directly on the device
- Flexible connection with every PC (USB, BT/WIFI)
- Recording, viewing, analysing and reporting of a 12-channel ECG on every PC in the network
- Online analysis and display of events relating to heart rate and ventricular events during recording
- Easy and cost-efficient extension to CPET



Your authorised custo med dealer



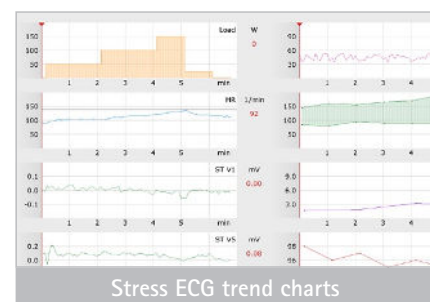
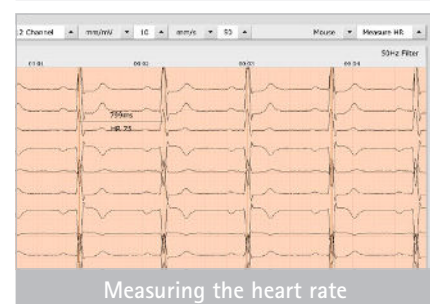
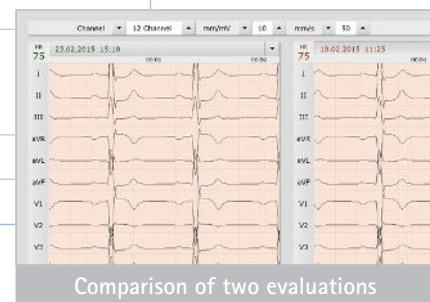
## Technical data custo cardio 300

Sampling rate	1000, 2000, 4000, 8000, 16000 (USB only), 32000 Hz (USB only)
Deviation	< 1.5%
A/D converter	24 Bit
Input impedance	>10 MOhm
Amplitude quantification	1,525 µV/bit
CMRR	> 93 dB
Defibrillation protection	Electrical potential 5000 V (recovery time < 5s)
Power supply	Lithium-polymer battery
Energy consumption	max. 1.5 watt
Connection to the PC*	USB (cable length 2.50 m)
BT-range	max. 10 m, due to environmental conditions
BT-frequency	2,4 GHz frequency band
Software, additional functions (custo diagnostic)	TRUE WAVE®, mains filter, muscle filter, ergo filter, pacemaker detection and verification
Dimesions	approx. 115 * 75 * 18 mm (L * W * H)
Weight	approx. 140 g (version with rechargeable battery)
Patient leads	approx. 1050 mm (limb leads) approx. 700 mm (chest wall)
Classification	Class IIa, Typ CF
Version: USB	Protection Category II
Version: USB/BT/W-LAN	Device with internal power supply
Applied standards	DIN EN 60601-1, 60601-1-2, 60601-2-25

*\* Does not apply to Bluetooth devices*

### Components for the ECG recording:

- custo cardio 300
- neoprene pouch
- belt
- ECG electrodes



### custo diagnostic (software)

- Versatile connection possibilities into existing IT structures (HL7, FDA-XML, SQL, GDT, SCP)
- Comparison of all patients examinations
- Comfortable reports with predefined text modules
- Clearly arranged A4 paper printouts
- Paperless medical practice: Distribution of evaluations and reports as email, fax, PDF and as evaluation file (.cst)

### Resting ECG software functions

- Single beat analysis, cumulative complexes, measurement table
- Interpretation
- Unconfirmed reporting

### Stress ECG software functions

- Online arrhythmia detection with acoustic and visual warning function
- Predefined profiles with the possibility for customized configuration
- Control of treadmills, sitting and supine ergometers via software
- Automatic recording of blood pressure, SpO<sub>2</sub> and lactate
- Summary of all examination-specific values in a report