12-Channel PC ECG & Electrode Application System

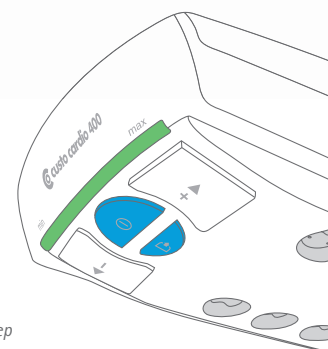## custo cardio 400 BT | Resting and Stress ECG

custo cardio 400 BT – with USB and Bluetooth

- Perfect hygiene concept
- Ideal contact quality due to patented studded electrode contacts, even on hairy skin
- Gentle application with automatic regulation of suction level
- Online analysis and display of events relating to heart rate and ventricular events during recording
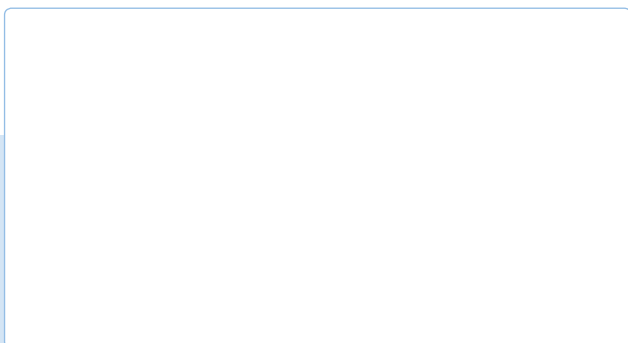- Easy and cost-efficient extension to CPET

custo diagnostic (software)

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

Your authorised custo med dealer

Visual feedback
on current work step
with LED display

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Technical data custo cardio 400 BT

Frequency response	0 to 0.262 * sampling frequency [HZ]
Sampling frequency	1000, 2000, 4000, 8000, 16000 (only USB), 32000 (only USB) Hz
Sampling rate	Identical for all channels, possible settings:
	1.0 ms / 0.5 ms / 0.25 ms / 0.125 ms /
	0.0625 ms (only with USB) / 0.03125 ms (only with USB)
Deviation	< 1.5 %
A/D converter	24 bit
Input impedance	> 50 MΩ
Amplitude quantification	1.526 µV/bit
CMRR	> 93 dB
Defibrillation protection	Electrical strength 5000 V (recovery time < 5 s)
Suction power	6 levels, 0 – 280 mbar (in 40 mbar increments)
Power supply	12 V power supply unit
Max. power consumption	7 Watt
EDP connection	USB (3 m) and Bluetooth 2.1 EDR
Bluetooth range	Generally 10 m, depending on ambient conditions
Dimensions	250 * 110 * 60 mm (L * W * H)
Weight	Approx. 680 g (device without leads and electrodes)
Patient leads	Approx. 1450 mm (extremities), approx. 1200 mm (precordial)
Classification	Device with external power supply,
	Class IIa according to MDD, Type CF application part
Underlying standards	IEC 60601-1, DIN IEC 60601-2-25, IEC 60601-1-2

Components for the ECG recording:

custo cardio 400 BT,
extremity leads,
precordial leads,
electrode type "hair",
braces,
telescopic boom with holder,
cable hooks,
Bluetooth 4.0 USB adapter,
USB extension cable,
power supply unit and power cable,
USB cable 3 m

Optional:
custo power station:
battery-supplied power supply for custo cardio 400 BT

Resting ECG software functions

- Single beat analysis, cumulative complexes, measurement table, interpretation
- New: with recording of rhythm strips

Stress test ECG software functions

- Online arrhythmia detection with acoustic and visual warning function
- Predefined default profiles with the possibility for customised configuration
- Control of treadmills, sitting and supine ergometers
- Automatic recording of blood pressure, SPO2 and lactate measured values
- Summary of all examination-specific values in a report

NEW: with True Wave® filter technology

Recording with rhythm strips

Comparison of two evaluations

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