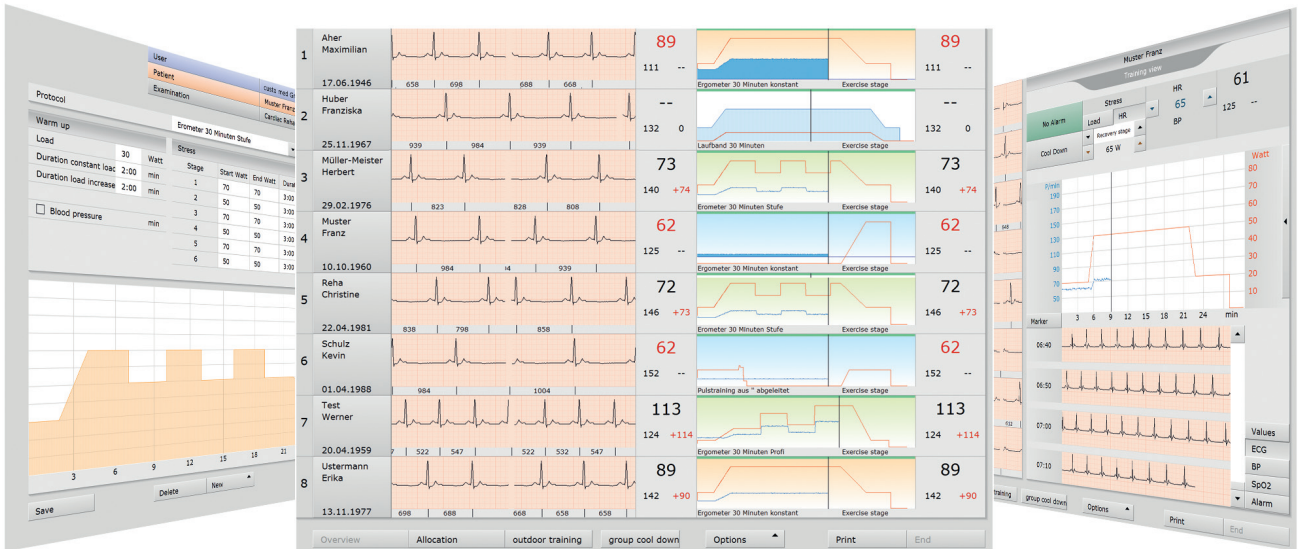




custo cardio concept

Cardiac rehab and short-term monitoring using custo guard



custo cardio concept software functions

- Continuous ECG monitoring independently from the training location for patients at up to 16 training locations
- Incorporation of existing rehab training devices
- Support of any training device (cross trainer, rowing machine, exercise ball, treadmill...)
- Mobile short-term ECG monitoring after drug treatment
- Fast and easy attachment of the ECG electrode belt
- Quick setup of training profiles using the input wizard
- Preparation of a training and patient management also during the training
- Versatile connection methods to the existing IT infrastructure (HIS, HL7, FDA-XML, SQL, GDT, SCP)



custo belt 3 electrode belt with custo guard 3 ECG transmitter

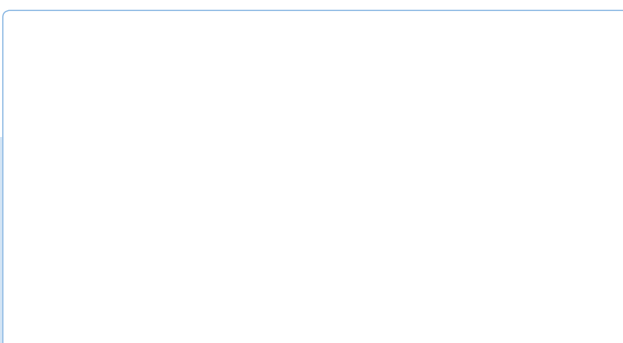


custo belt extender

custo belt 1 electrode belt with custo guard 1 ECG transmitter



Your authorised custo med dealer



custo guard 1/3 ECG transmitter

Number of ECG channels	1 or 3 (no pacemaker detection)
Sampling rate	125 Hz, 250 Hz, 500 Hz, 1 kHz
Resolution	10 bit
3 dB bandwidth ECG amplifier	0.5 Hz – 150 Hz
Measuring range ECG	10 mV
Minimum perception level	10 µV
Radio frequency band	ISM 2.4 GHz
Radio broadcast power	1 mW maximum
Radio performance	stationary frequency
RF modulation	GFSK
RF transmitting rate	2 Mbps / 1 Mbps / 250 kbps
Connection to the PC	via custo com RF (radio receiver unit)
Power supply	lithium polymer battery 190 mAh
Battery run time	approx. 3 days at 1 kHz sampling rate and 3 channels approx. 100 days standby mode (73 µA current)
Battery charging time	approx. 3 hours (when fully discharged)
Charging current	max. 80 mA
Display and control elements	LED display for the charging status
Dimensions	approx. 70 * 42 * 12 mm (L * W * H)
Weight	approx. 30 g
Water resistance class	IP65
Classification	device with internal power supply, class IIa, type BF
Applied standards	IEC 60601-1, IEC 60601-1-2, IEC 60601-2-47

Components for ECG transmission:
custo guard 1 or 3,
custo belt 1 or 3,
custo belt extender,
custo charger
(single or multi),
micro USB cable,
custo com RF

Alternative zu custo belt:
ECG Cable custo guard 3
with neck strap
or ECG cable adapters
with bag and neck strap
(for custo guard 1)

custo belt 1/3 electrode belt

Model	Single channel	3-channel
Length, not stretched	approx. 650 – 850 mm	approx. 680 – 1400 mm
Extension with custo belt extender	+ 250 – 450 mm	+ 250 – 450 mm
Width	approx. 30 mm	approx. 30 – 50 mm
Composition	PA, biocompatible according to EN ISO 10993-1, Oeko-Tex® Standard 100	

custo charger battery charger

Model	single	multi
Power supply	5 V	5 V
max. charging current	80 mA	6 * 80 mA = max. 480 mA
Dimensions	approx. 80 * 49 * 33 mm	approx. 279 * 80 * 33 mm

