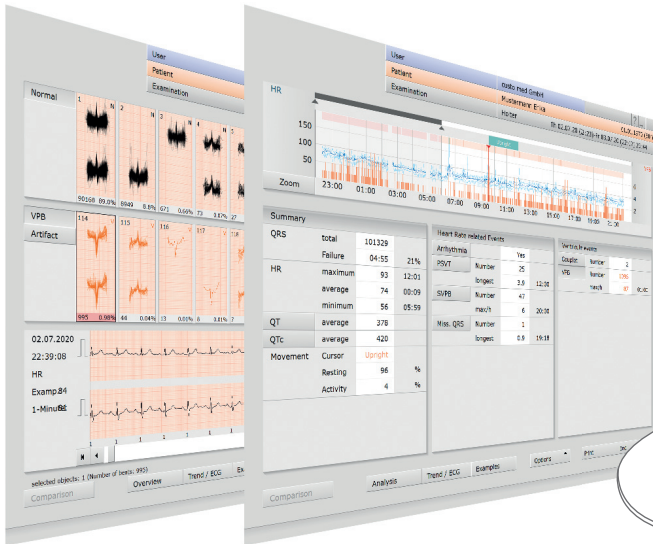




Holter

with custo guard holter and custo diagnostic | up to 120 h of recording



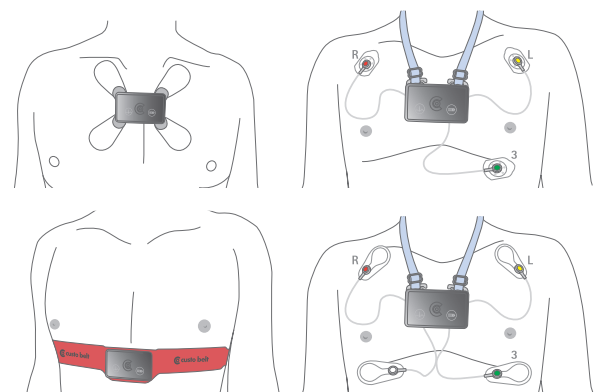
custo guard holter recording device

- 3 channels with two independent derivations
- Completely wireless and perfect for hygienic use
- Pacemaker detection
- Position and motion detection for context information
- Control of electrode application by monitoring on PC
- Bluetooth Low Energy for mobile applications
- Running time up to 120 hours with only one battery

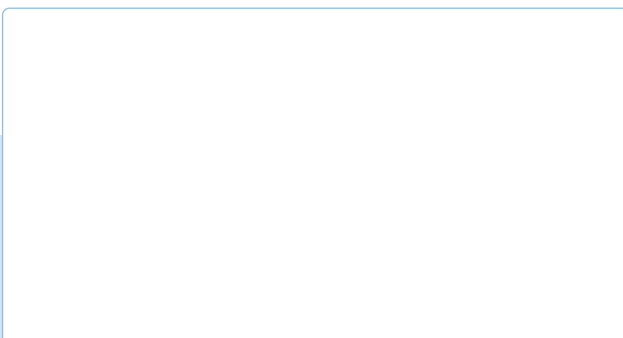


custo diagnostic (software)

- Comparison of all patients' examinations
- Comfortable reports with predefined text modules
- Clearly arranged A4 paper printouts
- 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



Technical data custo guard holter (holter recording device)

Number of ECG channels	3
Sampling frequency	533 Hz
Resolution	18 Bit
ECG amplifier 3 dB bandwidth	0 Hz ... 105 Hz
ECG measurement range	+/-685.7 mV
Minimum detection threshold	5.51 µV
Radio frequency band	ISM 2.4 GHz
Radio transmission power	10 mW
PC connection	via custo guard base charging and communication unit (USB) and Bluetooth
Power supply	Lithium polymer battery
Battery runtime	Up to 120 h
Battery charge time	Approx. 2 hours, max. charge current 80 mA
Status display	LED light indicators for ECG quality and charge status
Dimensions	Approx. 70 * 42 * 12 mm (L * W * H)
Weight	Approx. 30 g
Ingress protection level	IP 65
Classification	Device with internal power supply, Class IIa, Type BF
Based on the standards	DIN EN ISO 13485, DIN EN ISO 14971, DIN EN 1041, DIN EN ISO 15223-1, DIN-EN 60601-1, DIN EN 60601-1-2, DIN IEC 60601-1-6, DIN EN 62304, DIN EN 62366-1, DIN EN ISO 10993-1, DIN EN ISO 10993-5, DIN EN ISO 10993-10, DIN EN 60601-2-47, DIN EN 60601-1-11, EN 300 328

Technical data custo guard base (charging- and communication unit)

Design	single	sixfold
Power supply	5 V	5 V
Max. charge current	80 mA	6 * 80 mA = max. 480 mA
Dimensions (L * W * H)	approx. 80 * 49 * 33 mm	approx. 279 * 80 * 33 mm

We recommend the following scope:

- custo guard holter
- custo guard base 1
- micro-USB cable 2.0
- custo wing adaptor
- custo wing disposable adhesive electrodes
- ECG cable guard 3 or ECG cable guard 4
- Neck strap for ECG cable guard 3/4
- Bluetooth 4.0 USB adapter
- USB extension cable

Optional:

- custo clean CA3 hygienic bag for custo guard holter with ECG cable guard 3
- custo clean WA3 hygienic bag for custo guard holter with custo wing adaptor

Holter software functions

- Clear start page with events relating to heart rate and ventricular events during recording at a glance
- Comfortable display and editing of templates
- Versatile tools for quick assessment and revision of the ECG signal, such as ECG examples
- Detailed setting pages for individual determination of the event parameters
- Optional: ST measurement, HRV, AF Diagnostics, ANS Diagnostics