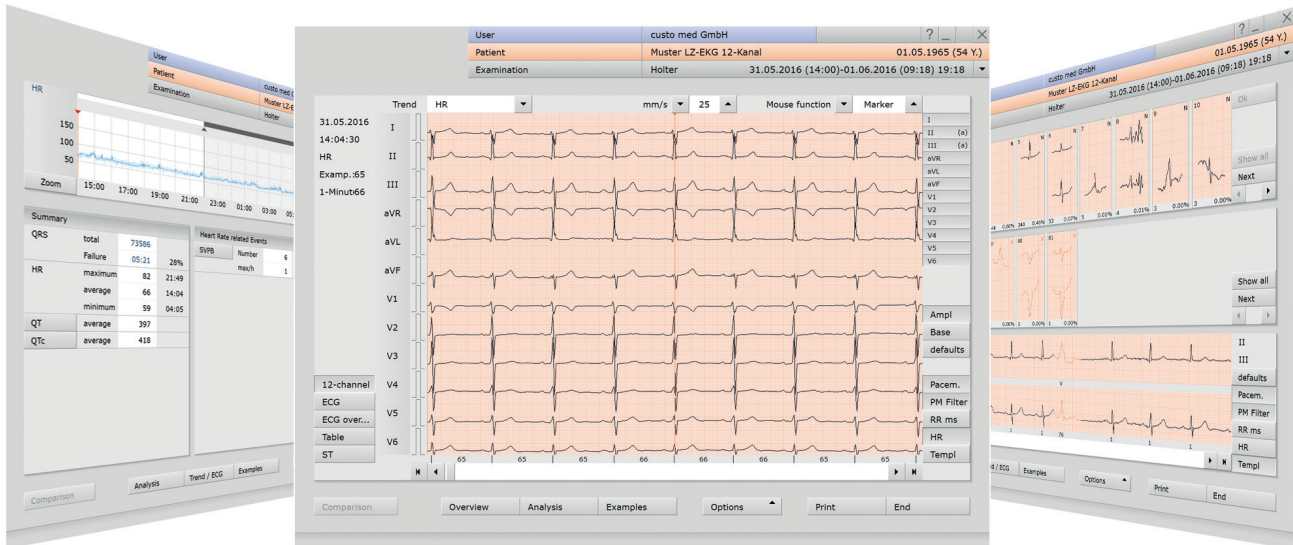# 12-Channel Holter

with custo EDAN SE-2012 and custo diagnostic
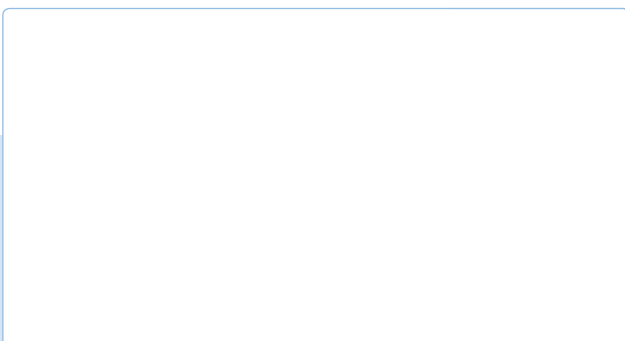

custo EDAN SE-2012 recorder

- Attractive design and high wearing comfort:
  light, small, compact – pocket size
- High protection against dust and water ingress (IP27)
- Event marker button and pacemaker detection
- Check the ECG signal on the display
- Continuous recording of 12 channels for definite
  rhythm analysis with detailed ECG display

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)

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Technical data custo EDAN SE-2012

Number of ECG channels	12 (10 leads)
Sampling rate	128 / 256 / 512 / 1024 Hz, standard: 128 Hz
Frequency response	0,05 to 60 Hz (–3 dB)
Resolution	8 / 12 / 14 / 16 / 18 bit, standard: 16 bit
CMRR	≥100 dB
Heart rate range	approx. 30 to 300 BPM
Pacemaker detection	amplitude ±2 to ±200 mV, width 0,1 to 2,0 ms
Recorder functions	pacemaker detection, event marker, warning function for power supply and ECG leads, automatic detection of the leads
Connection to the PC	USB cable (optional card reader)
Data storage	1 GB micro SD-card
Power supply	1 AAA Alkaline, Li-Fe or Ni-MH rechargeable batteries
Recorder runtime	24 h
Battery voltage	1,2 to 1,6 V
Display	LCD, 128 * 128 px
Display content	1 ECG channel, recording time, time of day, patient ID, name of the patient, event marker
Dimensions	76 * 49 * 16 mm (L * W * H)
Weight	approx. 50 g, without batteries
Ingress protection rating	IP27
Classification	device with internal power supply, class IIa, Type CF

Components for 12-Channel Holter:
EDAN SE-2012 recorder,
1 GB micro SD-card,
patient cable 10-wire,
USB cable,
carrying case and belt,
batteries AAA,
custo sensive electrodes

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: HRV, AF Diagnostics

Overview

12-Channel ECG

AF Diagnostics

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