

M-TRACE ECG

3-6-12 channel ECG machine
with analysis and interpretation

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SPECIFICATION

- One-time record: 3/6/12 channels
- Simultaneous recording of 12 leads
- Signal analysis compliant with the EN 60601-2-25:2015
- Test interpretation that depends on patient's age given in days, months and years
- Alphanumeric keyboard
- Functional keyboard for direct steering of basic functions of the device
- Detection of pacemaker impulses
- Built-in, graphic and colour 5,7" or 7" screen that allows simultaneous, readable preview of 12 ECG leads (resolution: 320x240 or 800x480)
- Internal memory >500 tests
- Width of record: 112 mm
- Recording in manual mode
- Recording in automatic mode (one time record)
- Backward record of ECG test (up to 10 seconds)
- Long (up to 10 minutes in the internal memory) record for arrhythmia evaluation
- Mains power, maintenance-free power supply with the in-built charger
- Record speed: 5/10/25/50 mm/s
- Sensitivity: 2,5/5/10/20 mm/mV
- Filtration of network disturbances: 50/60 Hz
- Filtration of muscle disturbances: 25/35 Hz
- Adjustment filter (automatic)
- Filtration of isoelectric line (0,05 – 1,5 Hz)
- Communication interface: 3xUSB
- Sampling frequency: 1000 Hz/channel
- A/C 24-bit converter
- Test preview from the ECG machine's memory without a need of a printout



- Record of test copy on pendrive in the EN1064 (ECG-SCP) standard
- Automatic test of the device
- Weight up to 1,3 kg (without equipment); 1,8 kg (with equipment)
- Standard equipment: 1 set of suction electrodes for adults (6 pcs), 1 set of clamp electrodes for adults (4 pcs), 1 set of cables, 0,5l of gel, 1 roll of paper (112mmx25m)

OPTIONAL

- Internal memory > 1000 tests
- Communication interface: BLUETOOTH, WI-FI, LAN, 3x USB, Ethernet socket
- M-TRACE PC BASE – software that allows test recording, analysis, interpretation and archiving on the computer as well as direct data transfer to any given e-mail address
- Direct co-operation with the PACS hospital systems in the DICOM standard
- Sampling frequency: 2000 Hz/channel



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