

 m4medical



M-TRACE

3/6/12 - channel electrocardiograph
with analysis and interpretation

- One-time record: 3/6/12 channels
- Simultaneous recording of 12 leads
- Signal analysis compliant with EN 60601-2-51
- 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, color, 5,7" screen that allows simultaneous, readable preview of 12 ECG leads (resolution: 320x240)
- Internal memory >500 tests
- Width of record: 110 - 112mm (thermic paper)
- Recording in manual mode
- Recording in automatic mode (one-time record)
- Backward record of ECG test (up to 10 sec)
- Long (up to 10 minutes in the internal memory) record for arrhythmia evaluation
- Mains power, maintenance-free power supply with the in-built charger battery back-up upto 4 hours
- 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: 2xUSB
- 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 and reading of tests from pendrive in the standard that is compliant with the EN 1064
- 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 (6pcs), 1 set of clamp electrodes for adults (4pcs), 1 set of cables, 0,5l of gel, 1 roll of paper (112mm x 25m) 0,5l of gel, 1 roll of paper (112mm x 25m)
- Trolley with a boom suited for patient's cable

Optional:

- Internal memory > 1000 tests
- Communication interface: BLUETOOTH or WI-FI
- M-BASE I – software that allows test recording, analysis, interpretation and archiving on the computer
- M-BASE II - software that allows test recording and archiving on smartphone (Android 2++) and direct data transmission to any e-mail adress
- Direct co-operation with the PACS hospital systems in the DICOM standard
- Sampling frequency: 2000 Hz/channel



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