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Product Name :

Portable ECG Recorder w/access

Product Code :

SLE/MDE/13

Science Lab
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Description :

DESCRIPTION:
Electrocardiogram (ECG) digital monitor and recorder, 12-leads detection, multi-channel recording, portable, AC and battery powered, with printer and accessories

SPECIFICATIONS:
ECG analysis and full interpretation (rhythm and events), real-time and manual
ECG diagnostic monitor and recorder, with printer
3- or 6-channels recording, depending on the available model

ECG features:
Common Mode Rejection Ratio (CMRR) > 89 dB
frequency response (minimum guaranteed) 0.05 – 150 Hz
accuracy of input signal reproduction ± 5 %
12 standard derivations aVR, aVL, aVF, I, II, III and V1 – V6
simultaneous 12-leads acquisition
adjustable ECG acquisition and visualisation modes
ECG gain 2.5, 5, 10, 20 mm/mV and Auto, accuracy ± 5 %
Adjustable ECG sweep (trace speed in mm/s)
HR range 30 – 300 bpm with rhythm analysis
calibration signal 1 mV ± 5 %
input impedance > 2.5 MOhm or > 50 MOhm, depending on the available model
pacemaker rhythm detection
auto-zero feature
selectable/adjustable filters: baseline correction and Baseline Drift Removal (BDR); AC (mains frequency suppression); Muscle Artefact (EMG)
defibrillation and AC fluctuation protection, baseline recovery < 5 s after defibrillation
internal noise level < 15 microV (p-p)
current leakage to the patient < 10 microA

Built-in printer:
paper speed (minimum guaranteed) 5, 12.5, 25 and 50 mm/s, accuracy ± 5 %
compatible with roll and Z-folded paper (80 mm 3-channel, 110 mm 6-channel)
thermal printing head
automatic and manual print (selectable modes, ECG traces and reports)
3 or 6 channel recording, depending on the available model

Integrated keyboard
Display, backlit colour TFT LCD, 5 – 8 inch diagonal depending on the available model
Visualisation of ECG channels, patient data, date/time, settings, analysis/interpretation, battery status, system messages and alarms
Patient data input
Internal storage for patient data, exams, analysis, interpretations and settings
Data and report export feature
Data/USB and network interface
Adjustable visualisation settings, with selectable ECG channels and parameters
Audio/visual
ver supply
and system
Continuous

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