

Product Code . ILS-MDE-11539

Portable ECG Recorder w/access



Description

DESCRIPTION:

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

SPECIFICATIONS:

Built-in printer:

paper speed (minimum guaranteed) 5, 12.5, 25 and 50 mm/s, accuracy $\pm 5\%$

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 alarms for patient connection, paper and printer errors, mains/battery power supply and system errors

Continuous check of electrodes connection and audio/visual alarm on loss of signal

Automatic switch to battery in case of power failure, automatic recharge on connection to mains

Power requirements 110 – 220 V / 50 – 60 Hz

Power consumption 80 W

Automatic self-test and continuous system monitoring

Built-in rechargeable battery, autonomy > 2.5 hours or 800 exams whichever higher

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 $\pm 5\%$

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 $\pm 5\%$

Adjustable ECG sweep (trace speed in mm/s)

HR range 30 – 300 bpm with rhythm analysis

calibration signal 1 mV $\pm 5\%$

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

Contact jLab for your Educational School Science Lab Equipments. We are best school science lab equipment suppliers in india, school science lab equipments exporter, school science lab equipments manufacturers, school science lab equipments manufacturer, school science lab equipments supplier, school science lab equipments suppliers in india.

Indian Lab Suppliers,

Direct Contact Details  +91-8569909696  sales@indianlabsuppliers.com

 www.indianlabsuppliers.com