Product Name :	**Product Code :**
Portable ECG Recorder w/access	MEDGT0012

Description :

Portable ECG Recorder w/access

Technical Specification :

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

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

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

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

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