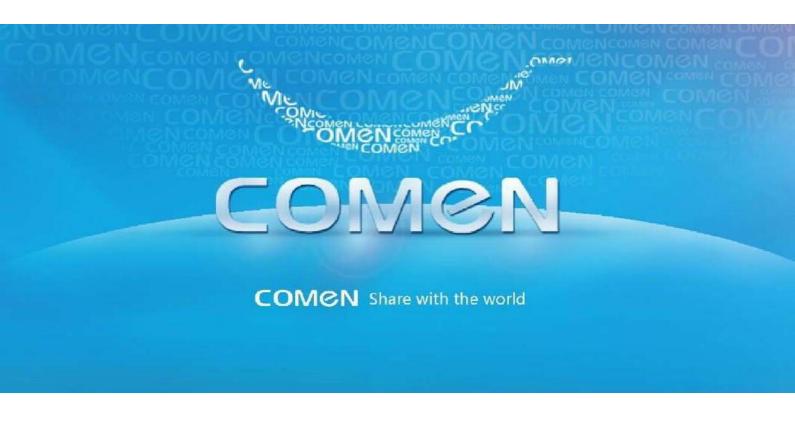
Specification: H3



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Three-channel Electrocardiograph H3



Safety Standards:

ISO 13485:2016 approved, CE marking according to MDD93/42/EEC, IEC60601-1, IEC60601-2-25, IEC 60601-1-2, EC11, Class I with internal power supply, Type CF

Physical Characteristics:

Product Size: 235mm *190mm*52.6mm

Net Weight: 1.18kg (including main unit,

recorder and battery, not including

accessories)

Operation Environment:

Working

Temperature: 5-40°C Humidity: ≤93%

Power Supply: 100-240V~, 50/60Hz±1Hz

Battery Type: Rechargeable Lithium-ion battery

Battery Capacity: 2600mAh

Battery Recharging

Time: Maximum 3.4 hours for charging;

Battery backup: 2 hours for continuous working (7

hours without paper recording)

Display: 6.2" color LCD touch screen

Resolution: 800*480
Trace: 12 waveforms

Brightness: Automatic adjustment/ Manual

from 1 to 10

Indicator:

Power indicator

Battery indicator

QRS beep

Operating key sound

Interface:

Parameter cable interface AC power input socket

Two USB port

RJ45 port

Optional: Built in WIFI module/ keyboard,

mouse and scanner

Data storage:

Standard 8G micro SD card for

40000

ECGs

internal memory 200 patient cases

Format: OFF, DAT (binary), BMP, JPG, PDF,

DICOM, XML, SCP

Power-off Yes

storage:

Network: Connected to PCECG by

hardwire/wireless

Display:

Parameter: Patient ID, gender, age, waveforms,

recording/sweep speed, gain, EMG

filter, HR, leads status, clock,

information message, network and

USB, battery status

Format: 3×4, 6×2, simultaneously 12 leads

display

Standby: OFF, 5min,10min,15min,20min,

25min,30min

Timing Power off: OFF, 10min~5hours



Recorder:

Type: Built-in; thermal array

Record width: 80mm

Speed: 5mm/s, 6.25mm/s, 10mm/s,

12.5mm/s, 25mm/s, 50mm/s;

Error \pm 2%

Printer Format: 3×4, 3×4+1R, 1×12, 1×12+1R

External printer 3×4, 3×4+1R, 3×4+3R, 6×2, 6×2+1R,

Format: 1×12, 1×12+T

Print Mode: Normal, One-key, Extend

Re-print: Re-print out last patient case

Diagnostic Review: 10 min review for all 12 leads

waveform info.

ECG:

Lead Type: CardioTec[™]12-leads ECG Analysis

Lead selection: 12-Lead I; II; III; aVR; aVL; aVF; V1-

V6.

Gain Selection: 2.5mm/mV, 5mm/mV, 10mm/mV,

20mm/mV, 20/10mm/mV, 10/5mm/mV and AGC

Sweep Speed: 6.25,12.5, 25, 50mm/s

Heart Rate Range: 30-300bpm

Resolution: 1 bpm

Accuracy: ±1% or ±1bpm (whichever is

greater)

Drift Filter: OFF, 0.05Hz, 0.10Hz, 0.20Hz, 0.50Hz

EMG Filter: OFF, 25Hz, 35Hz, 45Hz Low Pass Filter: OFF, 75Hz, 100Hz, 150Hz AC Filter: OFF, 50Hz, 60Hz

Protection: Withstand 4000VAC/50Hz voltage in

isolation;

Against electrosurgical interference

and defibrillation;

Arrhythmia

analysis: available

Pacemaker

detection: detectable

Processing:

Acquisition Mode: pre/post-acquisition

10 seconds instantaneous ECG

acquisition

Frequency

Response: 0.05Hz-150Hz

CMRR: ≥110dB

Input Impedance: ≥50MΩ

Startup Time: 10 seconds

Digital Sampling 1000 (Single channel)

Rate 8000 (Eight Channel)

AD conversion: 24Bits

*Notice: Specifications subject to changes without prior notice. All rights reserved by

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