

# GMD120D

## portable Multi-Parameter Patient Monitor

### Specifications

#### Dimension and Weight

Dimension: 470mm x 250mm x 360mm (outer package)

Gross Weight: 9KGS

#### Operation Environment

Temperature: 5-55°C

Humidity: 30-95%

Power: AC100-250V, 50-60Hz

Scope: Adult, pediatric and neonate patients

#### Performance Specifications

Display: 12.1" color TFT

Resolution: 800x600

Trace: 9 waveforms (max)

Sweep speed: 12.5mm/s, 25mm/s, 50mm/s

Indicator: Power/battery Indicator light

QRS beep and alarm sound

Battery: Built-in and rechargeable, lasting for maximum 6 hours

Trend time: 1-72 hours

Alarm: User-adjustable High Medium and Low limits 3-level Audible and visual alarm

Networking: Connected to central monitoring system

Recorder: Built-in thermal array

ECG: Plethysmogram waveform: 2 channels

Record mode: manual, on alarm, time-defined, etc.

Record width: 50mm Print speed: 25mm/s

#### ECG

Lead mode: 5 -leads ( RA, LA, LL, RL, V)

Lead selection: I, II, III, avR, avL, avF, V; MCL

Waveform: 7 channel

Gain selection: 0.5mm/V; 1mm/V; 2mm/V; 4mm/V

Sweep speed: 12.5mm/s; 25mm/s; 50mm/s

Heart Rate range: 20-250bpm

CMMR: Diagnostic mode: 90dB

Monitoring/operating mode: 110dB

Accuracy:  $\pm 2$ bpm

Resolution: 1bpm

Scaling signal: 1mV $\pm$ 3%

Alarm range: 20-250bpm

Bandwidth: Surgery: 1-25Hz

Monitor: 0.5-35Hz

Diagnostic: 0.05-100Hz

S-T segment detection: Measurement & alarm range:  $-2.0$ mV $\sim$  $+2.0$ mV

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**Accessory management cabinet**

#### NIBP

Method: Automatic oscillometric

Operation mode: Manual/Automatic

Auto measurement time: Adjustable (1-180min)

Measurement unit: mmHg/Kpa selectable

Measurement types: Forward, Backward, Quick

Measurement range: Adult: 20-270mmHg

Pediatric: 20-200mmHg

Neonate: 20-155mmHg

Over-pressure protection: Double safety protection

Resolution: 1mmHg

Alarm: Systolic, Diastolic, Mean

#### SPO2

Measurement range: 0-100%

Resolution: 1%

Accuracy:  $\pm 2\%$  (80-100%); 0-60% unspecified

Alarm range: 0-100%

#### RESPIRATION

Method: RA-LL Impedance

Measurement range: 0-150rpm

Apnea alarm: YES

#### TEMPERATURE

Measurement Range: 25-45 ° C

Resolution: 0.1 ° C

Accuracy: 0.2 ° C

Channel: 2 channel; T1; T2

#### PULSE RATE

Range: 20-250bpm

Resolution: 1bpm

Accuracy: 2bpm

Alarm range: 20-250bpm

Standard Configuration: ECG, NIBP, RESP, 2-TEMP, SPO2, PR

Optional: Thermal Recorder, ETCO2