

Multi-parameter monitor

HSP-12D



Features

- 12.1 inch color display with 800*600 resolution.
- Three Working Modes: Monitoring, Surgery and Diagnosis.
- Simple and friendly operating display interface.
- Multi-display modes suitable for different applications: Standard Interface, Large font, ECG Standard Full Display, OXY, Trend Table, BP Trend.
- Built-in rechargeable Lithium battery up to 3 hours of continuous work
- VGA output for external display

Technique Specification

ECG

- Lead Mode: 5 Leads (I, II, III, AVR, AVL, AVF, V)
- Gain: 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV
- Heart Rate: 15-300 BPM (Adult); 15-350 BPM (Neonatal)
Resolution: 1 BPM
Accuracy: $\pm 1\%$
Sensitivity $> 200 \mu V$ (Peak to peak)
- ST measurement range: $-2.0 \sim +2.0 \text{ mV}$
Accuracy: $-0.8 \text{ mV} \sim +0.8 \text{ mV}$: $\pm 0.02 \text{ mV}$ or $\pm 10\%$, which is greater
Other Range: unspecified
- Sweep speed: 12.5 mm/s, 25mm/s, 50mm/s
- Bandwidth:
Diagnostic: 0.05~130 Hz
Monitor: 0.5~40 Hz
Surgery: 1~20 Hz

SPO2

Optimal Parameters:

- Measuring Range: 0 ~ 100 %
- Resolution: 1%
- Accuracy: 70% ~ 100% ($\pm 2\%$)
- Pulse Rate: 20-250 BPM
- Resolution: 1 BPM
- Accuracy: $\pm 3 \text{ BPM}$
- Recorder (Printer)
- Central monitoring system
- Dual IBP
- Etco2
- 12-lead ECG;
- Nellcor SpO2;
- Sun Tech NIBP.

NIBP

TEMP

Standard Configuration:

- Method: Oscillometry
- Measure mode: Manual, Auto, STAT
- Unit: mmHg, kPa
- Measure and alarm range:

- Measure and Alarm Range: 0 ~ 50 C
- Resolution: 0.1C
- Accuracy: $\pm 0.1 \text{ C}$

Standard Parameters:

- ECG, RESP, TEMP, NIBP, SPO2, PR

RESP

- Method: Impedance between RA-LL or RALA
- Measurement Range:
Adult: 10 ~ 120 BrPM
Neonatal / Pediatric: 7 ~ 150 BrPM
- Resolution: 1 BrPM
- Accuracy: $\pm 2 \text{ BrPM}$

No.	Item	Qty
1	Main Unit	1
2	5-lead ECG cable	1
3	Disposable ECG Electrode	5
4	Adult Spo2 probe	1
5	Adult NIBP cuff	1
6	NIBP extension tube	1
7	Temperature probe	1
8	Power Cable	1
9	User Manual	1
10	Fuse	3

Packing:

- Single package size: 37*28*36cm
- Single gross weight: 4.5 KG
- 4 unit per carton, package size: 58*39*75cm, total gross weight 20 KG

- Adult Mode
SYS 40 ~ 280 mmHg
DIA 10 ~ 225 mmHg
MEAN 20 ~ 240 mmHg

- Pediatric Mode
SYS 40 ~ 220 mmHg
DIA 10 ~ 160 mmHg
MEAN 20 ~ 170 mmHg

- Neonatal Mode
SYS 40 ~ 135 mmHg
DIA 10 ~ 100 mmHg
MEAN 20 ~ 110 mmHg

- Resolution: 1mmHg
- Accuracy: $\pm 5 \text{ mmHg}$