

# PATIENT MONITORING

## BRAVO 12

ECG/SPO2/NIBP/RESP/TEMP



### KEY FEATURES:

- For adults, pediatrics and neonates.
- 12.1" color TFT LCD screen, High brightness, wide viewing.
- Streamlined outline design with sense of the times & foldable handle.
- Low-power consumption design with standby mode.
- Rechargeable high-energy built-in battery.
- Super ability in against electrosurgical interference.
- Unique thoracic impedance & nasal tube double mode respiration test method.
- Blood pressure measurement fast and accurately, with venipuncture function.
- Advanced digital technology, accurately measure Spo2 in low perfusion situation.
- Drug calculation, ST-segment detection, pace maker and arrhythmia analy.
- Widely used in patient room, ER, OR, PACU, ICU, CCU, etc.
- Trend review: Can Review history data of 360 hours.
- Standard colour VGA monitor connection available.

### CONFIGURATION:

- Standard: ECG, NIBP, SpO2, HR/PR, 2-RESP, 2-TEMP, rechargeable battery.
- Optional: Thermal printer, Nellcor SpO2, 2-IBP, ETCO2 (main stream or side stream), Wire or Wireless network, WallMount, Touch Screen, 12 Lead ECG, CO, Anesthesia Gas Analysis.

# TECHNICAL SPECIFICATION

<b>ECG</b>	Measurement Range:	15BPM~300BPM
	Accuracy:	1 BPM or + 1%
	Heart Rate Alarm (Tolerance):	Upper limit 60-300 bpm; ( $\pm 10\%$ ), Lower limit 10-200 bpm; ( $\pm 10\%$ )
	Noise level:	30 V
	Frequency response, filtered mode:	0.5 - 40 Hz
	Non-filtered mode:	0.01 -100 Hz
	The ECG Input circuit current:	<0.1 AECG
	Scanning speed:	3.125mm/s, 6.25mm/s, 12.5mm/s, 25mm/s, 50mm /s
	The error of scanning rate:	$\pm 10\%$
<b>NIBP</b>	Systolic (SBP):	5.3-33.3 kPa, or 40-250 mmHg
	Diastolic (DBP):	1.3-28 kPa, or 10-210 mmHg
	Mean (MAP):	2.7- 30.7 kPa, or 20-230 mmHg
	Accuracy:	< $\pm 0.4$ kPa or 3 mmHg or $\pm 2\%$
<b>IBP</b>	Measurement range:	-60 – 500mm Hg
	Channel:	2 channels
	Unit display:	kPa or mmHg (selectable)
<b>RR</b>	Measurement Range :	0 ~ 156 BPM
	Accuracy	+1 BPM or $\pm 5\%$
<b>TEMP</b>	Number of channels:	2
	Temperature Intracavitary probe:	1 Unit
	Temperature Surface probe:	1 Unit
	Measurement range:	25-45 °C
	Accuracy:	$\pm 0.1$ °C
Response time	$\leq 2.5$ min	
<b>SpO2</b>	Measurement range:	0-100%
	Resolution:	1 %
	Show updating time	1 sec
<b>CO2</b>	Measurement range :	0-13%
	Accuracy:	0.1%/1mmHg



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