

## V6004 Versatile NIBP and More



The V6004 NIBP monitor is a cost-effective, non-invasive blood pressure with optional pulse oximetry. An optional built-in printer is also available. The NIBP parameters include, systolic diastolic and mean arterial pressures and pulse rate. The optional pulse oximeter module features, three user-selectable averaging modes, along with numeric and audible indicators for SpO<sub>2</sub> and pulse rate, a bar indicator for pulse strength as well as high and low limit adjustable alarms for SpO<sub>2</sub> and pulse rate. Low priority alarms warn the user of system setup malfunctions such as a disconnected probe. The audible indicators and alarms vary in rate and pitch to indicate changes in pulse rate and SpO<sub>2</sub> level. The optional built-in printer allows the user to print continuous data (data log mode) or trend information.

The V6004 NIBP monitor comes with an instruction manual, AC adapter/charger, and the small animal cuff set. The small animal cuff kit includes a 0.61 m (2 ft) cuff supply line and 5 cuffs with circumference ranges of 3-6 cm, 4-6 cm, 6-11 cm, 7-13 cm and 8-15 cm. When purchased with the pulse oximetry option the unit also includes a 5 foot oximeter extension cable, a small reflectance probe, and the small to medium Y-clip probe. The unit is powered by an internal rechargeable lead acid battery. An optional large animal cuff set (with limb circumferences ranges of 12-19 cm, 17-25 cm, 23-33 cm, 31-40 cm and 38-50 cm) and other pulse oximeter probes and accessories are available, see to the right. When purchased without the available built-in printer option, the NIBP monitor can also be used with an optional graphics printer. Data logs and trends can be output to a PC running Windows™ 95 or higher using the optional PC interface cable.

- Quick readings
- Oscillometric technology
- Easy-to-read LED display with adjustable brightness
- Lightweight design with extended use battery
- Flexibility to incorporate optional pulse oximetry and/or a built-in printer
- A variety of cuffs for specific veterinary applications
- Small and Large animal NIBP cuffs available

### Specifications

<b>Display</b>	
<b>SpO<sub>2</sub> (Optional):</b>	3-digit LED display, 1 cm (0.40 in) high
<b>Pulse Rate</b>	3-digit LED display, 0.76 cm (0.30 in) high
<b>Pulse Strength</b>	Logarithmically scaled, 10-segment LED bar graph
<b>NIBP</b>	3-digit LED display. Systolic and Diastolic Pressures: 1 cm (0.40 in) high. Mean Arterial Pressure: 0.76 cm (0.30 in) high
<b>Display:</b>	
<b>Range</b>	20 to 250 mm Hg
<b>Rate Range</b>	20 to 240 bpm
<b>Rate Accuracy</b>	20 to 180 bpm ±3 bpm or 2% 181 to 240 bpm is ±6 bpm or 4%
<b>Cuff Pressure Accuracy</b>	±3 mmHg or ±2% (whichever is greater)
<b>Pulse Rate:</b>	
<b>Range</b>	20 to 240 bpm (NIBP), 20 to 350 bpm (SpO <sub>2</sub> )
<b>Accuracy</b>	±1 beat or 2% whichever is greater
<b>Averaging</b>	8 sec (SpO <sub>2</sub> only)
<b>Alarm Range</b>	High: 20 to 350 bpm and OFF (1 bpm steps) Low: 20 to 350 bpm and OFF (1 bpm steps)
<b>Alarm Default</b>	High = OFF, Low = 85%
<b>AC Charger Battery Life</b>	Nickel Cadmium battery, 6 VDC, internal rechargeable, fully charged continuous use life approx. 6 hrs., charge time 4 hrs.
<b>Printer Output</b>	RS232C: Data Format: 19200 baud, 1 start bit, 8 data bits, 1-stop bit, no parity
<b>Integrated Printer (Optional)</b>	Text only, no graphics. Patient data log or trend tables
<b>Safety Approvals</b>	Designed to meet IEC 601-1, CSA 125, UL 544, and IEC 601-1-2 (EMC CE), ISO 9001 Certified, Patent Pending
<b>Voltage Requirements</b>	105 to 125 VAC, 60 Hz 90 to 110 VAC, 50 Hz (optional) 230 VAC, 50/60 Hz (optional) Output of 24 VDC at 1.5 A with 4 kV isolation
<b>Dimensions, H x W x D</b>	82 x 216 x 140 mm (3.24 x 8.5 x 5.5 in)
<b>Weight (Base Unit)</b>	1.6 kg (3.5 lbs)

Catalog No.	Product
<b>CGS 8250.68</b>	Non-Invasive BP, 110 VAC, 60 Hz
<b>CGS 8251.68</b>	Non Invasive BP/Printer, 110 VAC, 60 Hz
<b>CGS 8253.68</b>	Non Invasive BP/Pulse Oximetry/Printer, 110 VAC, 60 Hz
<b>CGS 8253.68</b>	Non-Invasive BP, 220 VAC, 50 Hz
<b>CGS 8254.68</b>	Non Invasive BP/Pulse Oximetry, 220 VAC, 50 Hz
<b>CGS 8255.68</b>	Non Invasive BP/Pulse Oximetry/Printer, 220 VAC, 50 Hz
<b>Optional Accessories</b>	
<b>CGS 8256.68</b>	Small Animal Cuff Set
<b>CGS 8257.68</b>	Large Animal Cuff Set
<b>CGS 8258.68</b>	IV Pole Bracket
<b>CGS 8259.68</b>	PC Interface Cable
<b>CGS 8189.68</b>	Printer Interface Cable
<b>CGS 8260.68</b>	Printer Paper for built-in NIBP printer, pkg. of 4
<b>CGS 8261.68</b>	Graphics Printer and Cable (AC adapter not included)
<b>CGS 8188.68</b>	Printer Paper for Graphics Printer, pkg. of 4
<b>CGS 8240.68</b>	PC Interface Cable
<b>CGS 8258.68</b>	IV Pole Bracket