



The **GE Dinamap Procare 400** is easy-to-use vital signs monitor. The Dinamap Procare 400 has an intuitive menu, making Blood pressure reading as easy as pressing a button. The monitor system can provide BP readings for neonatal, pediatric, and adult patients. The GE Dinamap Procare 400 additionally offers measurements for temp, pulse rate, and SpO₂. The monitoring system produces fast, reliable readings in seconds. The large display on the NIBP Monitor makes it easier to view the results. GE offers a few different non-invasive blood pressure monitors the GE Dinamap Procare 300.

Features

- Large digital displays give you readings at a glance.
- One button press provides accurate BP reading.
- Simple menus for customized settings.
- Built in recorder Massimo or Nellcor SpO₂ for the 400 series
- Battery back up.



Specifications

Dimensions

Height: 9.7 in (24.7 cm)
Width: 8.6in (21.9 cm) Without temperature
Width: 10 in (25.4 cm) with temperature Depth:
5.3 in (13.5cm)
Weight: 5.68 lbs (2.58 kg)

Blood Pressure

Cuff pressure range: 10 to 290 mmHg (adult/ped); 10 to 140 mmHg (neonate).
Blood pressure accuracy: meets or exceeds ANSI/AAMI standard SP-10 (mean error ≤ 5 mmHg, standard deviation ≤ 8 mmHg).
Maximum determination time: 120 seconds (adult/ped) and 85 seconds (neonates).
Overpressure cutoff: 330 mmHg (adult/ped) and 165 mmHg (neonate).
Pulse rate range: 30 to 200 beats/min (adult/ped) and 30 to 220 beats/min (neonate).
Pulse rate accuracy: $\pm 3.5\%$. Systolic limits (mmHg): 200 high and 80 low.
Diastolic limits(mmHg): 120 high and 30 low.
Inflation pressure: 160 mmHg (adult/ped) and 110 mmHg (neonate).
Cycle button: 15

SpO2

SpO2 measurement range: 10 to 100%.
Pulse rate measurement range: 20 to 250 beats/min.
Accuracy and motion tolerance: adult without motion: 70 to 100% ± 2 digits;
neonate without motion: 70 to 100% ± 3 digits; adult and neonate with motion: 70 to 100% ± 3 digits.
Low perfusion: 70 to 100% ± 2 digits, 0 to 69% unspecified.
Pulse rate without motion: 20 to 250 beats/min ± 3 digits.
Pulse rate with motion: normal physiologic range 55 to 125 beats/min ± 5 digits.
Pulse rate low perfusion: 20 to 250 beats/min ± 3 digits

Pulse Rate

High: 150
Low: 50

Temperature

Scale: Fahrenheit (F) and Celsius(C).
Predictive mode range: 41.1°C and 106.0°F maximum and 35.6°C and 96.0°F.
Moni- tor mode range: 41.1°C and 106.0°F maximum and 26.7°C and 80.0°F minimum.
Monitor mode accuracy: $\pm 0.1^\circ\text{C}$; 0.2°F (when tested in a calibrated liquid bath).
Determination time: approximately 10 seconds, typical.