

## Product Overview

The DINAMAP ProCare 300 offers reliable automated BP and pulse rate using DINAMAP technology. The DINAMAP ProCare 300 monitor enhances productivity with its features and intuitive menu structure. All DINAMAP ProCare Monitors are fully upgradeable so they can grow with your changing needs.



**GE Dinamap Procare 300 Multiparameter Monitor**

## Features

- NIBP, SpO2 & Recorder
- Comprehensive — One monitor for the entire range of patient populations – Neonatal, Pediatric, & Adult
- Versatile – Used in ER, Outpatient Surgery, Endoscopy, GI Lab, Special Procedures, Recovery/PACU,
- Telemetry, Med-Surg, and Labor & Delivery
- Easy To Use – Push Button Interface
- DINAMAP NIBP Technology — Available in GE Solar and Dash monitors
- Six Sigma Quality & Reliability – Built-In Quality Means Accurate Readings
- Connectivity Options

***Specifications on Next Page***

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.



Seattle Technology  
3915 152nd St NE  
Marysville, WA 98271  
1.800.827.3747  
stsurg.com

## Specifications

### Medical:

- Dimensions (without temperature): 9.7 (H) × 8.6 (W) × 5.3 (D) inches (24.7 × 2.9 × 13.5 cm)
- Dimensions (with temperature): 9.7 (H) × 10.0 (W) × 5.3 (D) inches (24.7 × 25.4 × 13.5 cm)
- Mountings: Self-supporting on rubber feet
- Portability: Carried by handle

### Monitor:

Protection against electrical shock: Internally powered or Class II when powered from specified external power supply.

DC input voltage: 12 VDC, supplied from a source conforming to IEC 601-1

Fuses: The Monitor contains four fuses. The fuses are auto resettable and mounted within the Monitor. The fuses protect the low voltage DC input, the battery, the remote alarm output, and the +5 V output on the host port connector.

Battery: 6 volt, 3.3 amp-hours protected by internal auto resetting fuse and thermal protection.

Minimum operation time: 2 hrs (5 min cycle with adult cuff at 25°C, SpO<sub>2</sub> active at 60 bpm, Temp in monitor mode, printout of current values every 5 minutes) from full charge.

Time for full recharge: Approx. 5 hrs from full discharge when the Monitor is switched off and approx. 8 hrs when the Monitor is switched on

### 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  $\leq 5$  mmHg, standard deviation  $\leq 8$  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)

***Specifications Continued on Next Page***

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## Specifications

### **Blood Pressure Continued:**

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%  $\pm 2$  digits; neonate without motion - 70 to 100%  $\pm 3$  digits; adult and neonate with motion - 70 to 100%  $\pm 3$  digits

Low perfusion: 70 to 100%  $\pm 2$  digits, 0 to 69% unspecified

Pulse rate without motion: 20 to 250 beats/min  $\pm 3$  digits

Pulse rate with motion: normal physiologic range 55 to 125 beats/min  $\pm 5$  digits

Pulse rate low perfusion: 20 to 250 beats/min  $\pm 3$  digits

### **Pulse Rate:**

High: 150

Low: 50

### **Temperature:**

Predictive mode range: 41.1° C and 106.0°F maximum and 35.6° C and 96.0°F minimum

Monitor mode range: 41.1° C and 106.0°F maximum and 26.7° C and 80.0°F minimum

Monitor mode accuracy:  $\pm 0.1^{\circ}\text{C}$ ;  $0.2^{\circ}\text{F}$  (when tested in a calibrated liquid bath)

Determination time: approximately 10 seconds, typical

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