



## GE DINAMAP Procare 300 Monitor

- 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



Typical Manufacturer's Picture

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### Specifications:

#### Medical:

- Dimensions (without temperature): 91 (H) x 86 (W) x 53 (D) inches (24.7 x 2.9 x 13.5 cm)
- Dimensions (with temperature): 9.7 (H) x 10.0 (W) x 5.3 (D) inches (24.7 x 25.4 x 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, SpO2 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 (neonate)
- 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

## SpO<sub>2</sub>:

- SpO<sub>2</sub> 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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APAC MEDICAL EQUIPMENT, INC.  
Building 21  
Berthaphil I Industrial Park  
Jose Abad Santos Avenue  
Clark Freeport Zone  
Philippines 2023