

## Everything You Need Is Close At Hand!



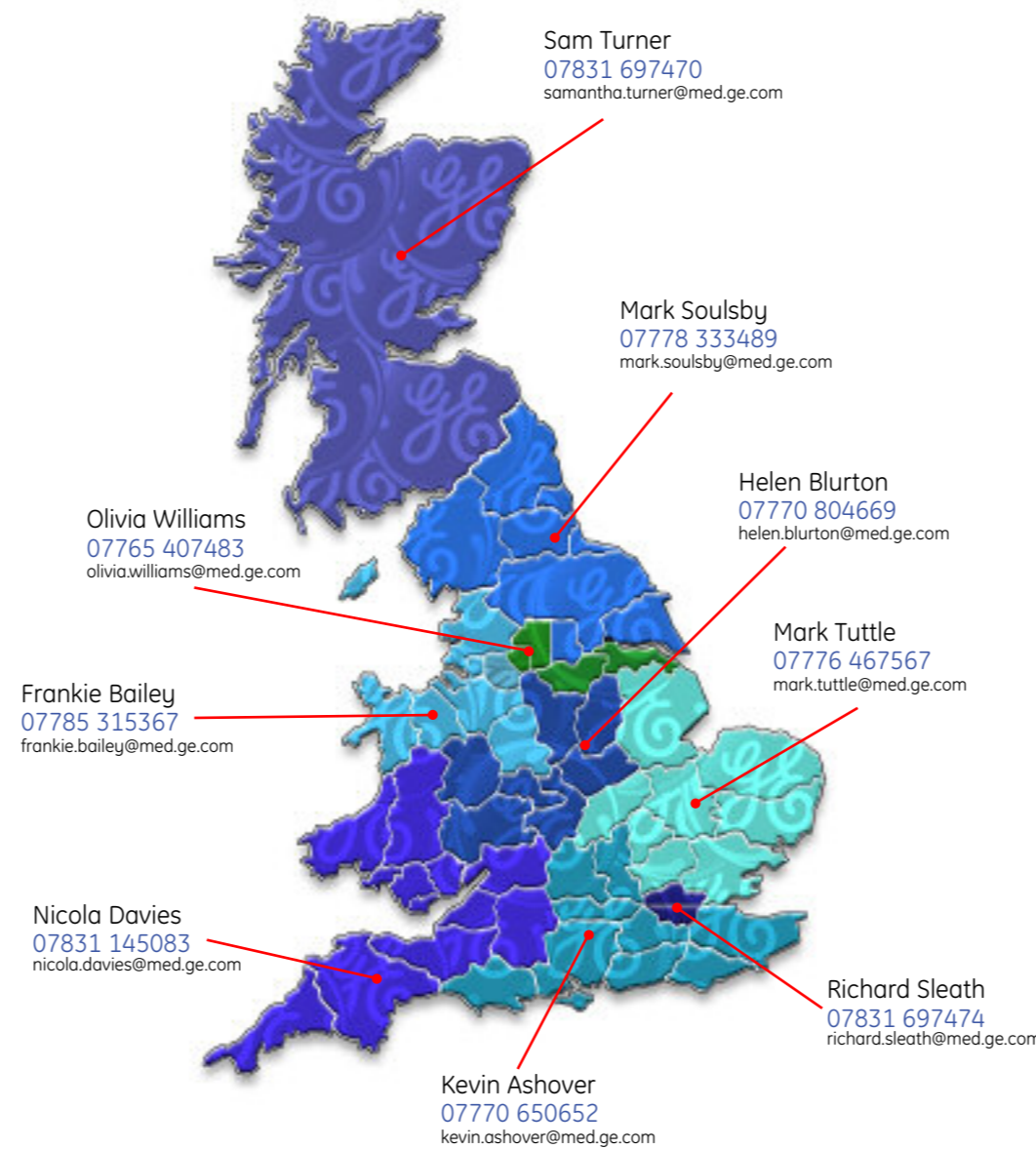
Simple to operate, with no extensive training required. Should you need more information, it even comes with attached **help cards**.



- **Lightweight & easy to carry** (only 2.5 kg). Can be easily mounted on a pole stand.
- **Large bright LEDs:** easily viewed from anywhere in the room.
- **IVAC® Turbo•Temp™** temperature is activated when the probe is removed: predictive in 7s or continuous measurement.
- Press the **green button** and get an accurate DINAMAP® BP reading.
- **Cycle:** choose the frequency of the automatic inflation cycles.
- **History:** get an overview of all the previous measurements.
- **Masimo SET®** or **Nellcor OxiMax®** is activated when the sensor is connected.
- **SpO<sub>2</sub> pulse indicator:** Red bar flashes to indicate the real-time pulse rate measurements.
- Connector for the **dual lumen** air hose for adult or neonates.
- **Silence button:** to acknowledge alarms.
- **Simple menus** let you customise your settings: volume, pulse volume, inflation pressure.
- **Printer** (optional): print the current vital signs or all values stored in history.
- **Battery** automatically recharged when plugged in. Even with a power cut, you avoid memory loss.
- **RS232** output for connectivity.

For more than 100 years, healthcare providers worldwide have relied on GE Healthcare for medical technology, services and productivity solutions. So no matter what challenges you face – you can always count on GE Healthcare to help you deliver the highest quality healthcare.

For details, please contact your local GE Healthcare representative today.



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## DINAMAP® ProCare Vital Signs Monitor



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## Accurate – Durable – Affordable

### Market-Leading Technologies

Designed specifically for healthcare professionals, the DINAMAP® ProCare Series offers proven world-class technology in every parameter. With the DINAMAP® ProCare Series, you can take BP measurements that are fast, accurate and comfortable. You also get reliable temperature readings in seconds, as well as getting oxygen saturation readings with your choice of two leading-edge SpO<sub>2</sub> technologies. This means you spend less time checking vitals and more time on actual patient care. And now, depending on your needs of data storage, you can choose between a printer or printerless version of the ProCare.

### DINAMAP® NIBP

With more than 25 years experience and over 350,000 devices worldwide, DINAMAP® has earned a reputation as the gold standard in non-invasive blood pressure measurement. With its unique patented algorithm and artefact rejection system, the DINAMAP® ProCare ensures exceptionally accurate BP regardless of patient movement. This DINAMAP® algorithm works for all blood pressure conditions from hypo- to hypertensive, and for every category of patients from neonates to adults.

### IVAC® Turbo•Temp™

The electronic thermometry system by Alaris Medical Systems, Turbo•Temp™, is not only extremely accurate, but also very fast. In fact, oral (or rectal) predictive temperatures are provided in approximately 7 seconds, saving healthcare professionals valuable time. This temperature can also be used in monitoring mode.

### Masimo® SET SpO<sub>2</sub>

Masimo® Signal Extraction Technology (SET) provides a breakthrough in SpO<sub>2</sub> monitoring that greatly enhances accuracy particularly in the most difficult patient conditions such as motion and low peripheral perfusion. Numerous clinical studies provide evidence that Masimo SET® reduces cost, improves patient outcomes, and decreases medical errors. It's technology that works for you and your patients.

### Nellcor® SpO<sub>2</sub>

A global leader in pulse oximetry, Nellcor is known for designing accurate and reliable pulse oximeters that identify electronic and optical noise as well as motion artifact. With a proven record for performance and reliability, Nellcor remains as the leading choice of clinicians the world over. If your choice is Nellcor, the ProCare Series offers Nellcor's fifth generation Pulse Oximetry, OxiMax®.

### Connectivity

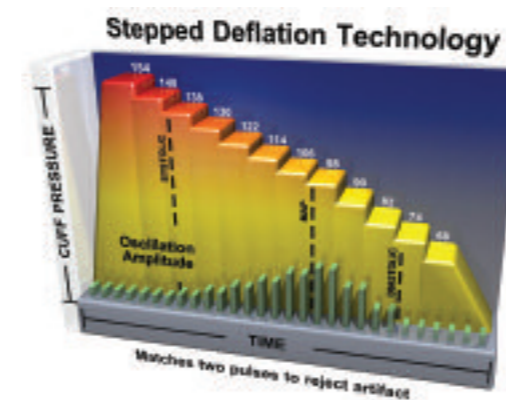
ProCare has the ability to transfer its data via RS232 output interface. Connect the monitor to your laptop to collect data for research studies or to chart electronically. ProCare can also be connected to either an Obstetrical Corometrics® monitor or to ApexPro™ GE telemetry.

### DINAMAP® Technology

More than 3 million times every single day critical patient care decisions are made based on blood pressure determinations taken with DINAMAP® technology. NIBP is a critical parameter, and that's why you need the most accurate, reliable technology to monitor your patient's NIBP.

Ask for DINAMAP® Technology and you get:

- Intelligent Inflation.
- Stepped Deflation.
- Two pulses matching to detect and reject artefact (motion, shivering).
- Dual lumen air hose to ensure accuracy in measurement for hypo/hypertensive patients.



The cuff is equally important for an accurate reading. Be sure to use the correct sized cuff for accurate NIBP determinations. Inaccurate sizing can lead to errors of up to 30mm Hg.\*

ProCare meets global accuracy standards even in the most difficult conditions like monitoring hypo/hypertensive, agitated, non-stabilised patients. With ProCare you get the same level of accuracy from adults to neonates.

\* (Miscuffing: inappropriate BPC application by D.M. Manning, C.Kuchrika, J.Kaminski, Circulation, 1983 Oct 68(4); 763-6).

### Easy Measurements

- Comfortable for your patient.
- Practical for the team:
  - One device for all vital signs.
  - Standardised supplies.
- Ease of use to optimise your time with your patient: single button operation.
- Peace of mind.

### Accurate Measurements

- Gold Standard DINAMAP® algorithm with artefact rejection.
- Latest SpO<sub>2</sub> technologies: Masimo® or Nellcor® for monitoring difficult conditions.
- IVAC® Turbo•Temp™ Temperature.
- Accuracy from adults to neonates.

### Durable Measurements

ProCare has been engineered to provide years of trouble-free service. Durability has been increased with a simple design. It uses high grade industrial plastics to stand up to the rigours of hospital life. It is even drop tested and designed to prevent fluid ingress. What's more, the monitors are designed to be low maintenance and easy to repair. To prove it, GE Healthcare commits to a full 2 year parts and labour warranty.

### Your needs without any compromise

| Features                    | ProCare 100 | ProCare 200 | ProCare 300 | ProCare 400 |
|-----------------------------|-------------|-------------|-------------|-------------|
| DINAMAP® NIBP               | ●           | ●           | ●           | ●           |
| Pulse rate                  | ●           | ●           | ●           | ●           |
| IVAC® Turbo•Temp™           |             |             |             |             |
| Predictive                  |             | ●           |             | ●           |
| Continuous                  |             | ●           |             | ●           |
| SpO <sub>2</sub> Continuous |             |             |             |             |
| Masimo SET®                 |             |             | ●           | ●           |
| Nellcor OxiMax®             |             |             | ●           | ●           |
| Trends                      | ●           | ●           | ●           | ●           |
| Printer                     | ○           | ○           | ○           | ○           |
| Mountings                   | ○           | ○           | ○           | ○           |
| RS232                       | ●           | ●           | ●           | ●           |

● = available

○ = optional

## Inventory

| Product selector                 |              |  |                            |
|----------------------------------|--------------|--|----------------------------|
| Model                            | Order Code   | Parameter set  |                            |
| DINAMAP® ProCare 100             | DPC120X - UK | Blood pressure, heart rate                           |                            |
| DINAMAP® ProCare 200             | DPC220X - UK | Blood pressure, heart rate, temp                     |                            |
| DINAMAP® ProCare 300             | DPC320N - UK | Blood pressure, heart rate & oxygen saturation       |                            |
| DINAMAP® ProCare 400             | DPC420N - UK | Blood pressure, heart rate, temp & oxygen saturation |                            |
| BP Cuffs                         |              |  |                            |
| DURA-CUF®                        | Order code   | NHS Logistics code                                   | Approx. limb circumference |
| Thigh                            | 002796E      | FFF056   | 38-50cm                    |
| Large adult                      | 002791E      | FFF054   | 31-40cm                    |
| Adult                            | 002774E      | FFF055   | 23-33cm                    |
| Small adult                      | 002779E      | FFF051   | 17-25cm                    |
| Child                            | 002781E      | FFF050   | 12-19cm                    |
| Infant                           | 002783E      | FFF049   | 8.3-15cm                   |
| Accessories                      |              |  |                            |
| Item                             | Order code   | Description  |                            |
| Nellcor® SpO <sub>2</sub> sensor | 70124021     | Oxygen saturation sensor (adult finger)              |                            |
| Masimo® SpO <sub>2</sub> sensor  | 2002800-001  | Oxygen saturation sensor (adult finger)              |                            |
| Printer paper                    | 089100       | Printer paper, 10 rolls                              |                            |
| Temp Probe Covers                | 088015       | IVAC Temp probe covers                               |                            |
| Specifications                   |              |  |                            |

Dimensions: 25cm x 25cm x 18cm (H x W x D); Weight 3.5Kg (including battery);

NIBP accuracy: Meets or exceeds ANSI/AAMI standard SP-10;

Default target: Adult: 160± 15mmHg; Cuff inflation; Neonatal: 110± 15mmHg;

Target cuff inflation: Adult: 100 to 250mmHg, Neonatal: 100 to 140mmHg;

Systolic range: Adult: 30 to 245mmHg, Neonatal: 40 to 140mmHg;

Diastolic range: Adult: 10 to 195mmHg, Neonatal: 20 to 100mmHg;

MAP range: Adult: 15 to 215mmHg, Neonatal: 30 to 115mmHg;

Pulse rate accuracy: NIBP: ±3.5%; SpO<sub>2</sub>: ±3beats/min;

Pulse rate range: NIBP: Adult: 30-200 beats/min, NIBP: Neonatal: 30-200 beats/min, SpO<sub>2</sub>: 20 to 250 beats/min;

Temperature accuracy: Monitor mode: ±0.1°C, Predictive mode: ±0.6°C;

Temperature range: Monitor mode: Max: 42.2°C, Min: 26.7°C;

Predictive mode: Max: 42.2°C; Min: 31.6°C;

Pulse oximeter accuracy Adult: 70% to 100% ±3.5 digits, 0 to 69% unspecified;

Neonatal: 70% to 100% ± 4.5 digits, 0 to 69% unspecified;

Power requirements: AC input voltage: 100-240 VAC, 50/60 Hz (nominal); Internal battery: Sealed lead acid 12V 2.3Ah



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