

DINAMAP Pro Series

Blood Pressure, Oximetry & Temperature

Introduced to meet the ever more demanding requirements of today's healthcare professionals, the new DINAMAP® Pro Series incorporates the three market leading technologies for blood pressure, oximetry and temperature into a unique series of monitors.

Advanced technologies

The unmatched DINAMAP non-invasive blood pressure system, IVAC® temperature monitoring and NELLCOR® pulse oximetry are combined for the first time to produce a series of monitors that are as easy to use as they are powerful.

It's what's inside that counts

Earlier DINAMAP blood pressure monitors set the standard for accuracy, reliability and ease of use and the new Pro Series retains all of the features that have proven such a huge success:

- The patented motion artefact rejection system, which ensures accurate blood pressures determinations even when the patient moves;
- The advanced DINAMAP algorithm and systolic search facilities, which deliver accurate readings when measuring hypertensive patients;
- The dual hose technology that enhances monitor sensitivity in extreme hypotensive situations.

And of course, the intelligent inflation system maximises patient comfort at all times.



The DINAMAP® Difference –Think 1 - 2 - 3

1. Accuracy monitoring hypertensive patients

With its unique algorithm, the DINAMAP Pro Series ensures exceptionally accurate BP readings in hypertensive situations.

2. Accuracy monitoring in hypotensive patients

Advanced dual hose technology enhances the sensitivity of the DINAMAP Pro Series providing precise readings in hypotensive cases.

3. Accuracy maintained even if the patient moves

The patented motion artefact rejection system built-in to every DINAMAP Pro Series monitor delivers complete accuracy even when the patient moves.



- One button press for a single blood pressure determination.
- One button press gives you a 'snap shot' reading of all parameters ('ALL OBS' function).
- One button press takes you to 'AUTO BP' cycle to set BP time intervals.
- NELLCOR pulse oximetry is activated automatically, as soon as the probe is attached to the patient.
- IVAC temperature is activated automatically, as soon as the probe is removed from its holder.
- User-adjustable target inflation pressure. You can now limit the cuff inflation pressure.
- Built-in printer on all models, so you can attach the print-out to the patient notes.
- Pole stand and basket included with all models.

Product selector			
Model	Order code	Parameter set	
DINAMAP® Pro 100	DP100UK	Blood pressure, heart rate	
DINAMAP® Pro 200	DP200UK	Blood pressure, heart rate, temp	
DINAMAP® Pro 300	DP300UK	Blood pressure, heart rate and oxygen saturation	
DINAMAP® Pro 400	DP400UK	Blood pressure, heart rate, temp and oxygen saturation	
BP Cuffs			
DURA-CUF®	Order code	NHS Supplies code*	Approx. limb circumference
Thigh	2796	FFF056	38 - 50cm
Large adult	2791	FFF054	31 - 40 cm
Adult	2774	FFF055	23 - 33 cm
Small adult	2779	FFF051	17 - 25 cm
Child	2781	FFF050	12 - 19 cm
Infant	2783	FFF049	8.3 - 15 cm
			(*=UK only)
Accessories			
Item	Order code	Descriptions	
SpO ₂ Sensor	DS100A	Oxygen saturation sensor (adult finger)	
Printer paper	089100	Printer paper, 10 rolls	
Oral temp probe	088012	IVAC Temp probe	
Temp Covers	088015	IVAC Temp probe covers	
Specifications			
Dimensions: 25cm x 25cm x 18cm (H x W x D); Weight: 3.5 kg (including battery); NIBP accuracy: Meets or exceeds ANSI/AAMI standard SP-10; Default target: Adult: 160 ± 15 mmHg; Cuff inflation, Neonatal: 110 ± 15 mmHg; Target cuff inflation: Adult: 100 to 250 mmHg, Neonatal: 100 to 140 mmHg; Systolic range: Adult: 30 to 245 mmHg, Neonatal: 40 to 140 mmHg; Diastolic range: Adult: 10 to 195 mmHg, Neonatal: 20 to 100 mmHg; MAP range: Adult: 15 to 215 mmHg, Neonatal: 30 to 115 mmHg; Pulse rate accuracy: NIBP: ± 3.5 %; SpO ₂ : ± 3 beats/min; Pulse rate range: NIBP: Adult: 30-200 beats/min, NIBP: Neonatal: 30-200 beats/min, SpO ₂ : 20 to 250 beats/min; Temperature accuracy: Monitor mode: ± 0.1 °C, Predictive mode: ± 0.6 °C; Temperature range: Monitor mode: Max: 41.1 °C, Min: 26.7 °C; Predictive mode: Max: 41.1 °C; Min: 33.6 °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 2.3 Ah			

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GE imagination at work

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 IVAC is a trademark of Alaris Medical Systems
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 Use only IVAC* probes and probe covers. The size, shape, and thermal characteristics of the probe covers can affect the performance of the instrument. Inaccurate readings or retention problems may occur unless IVAC probes and probe covers are used.
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