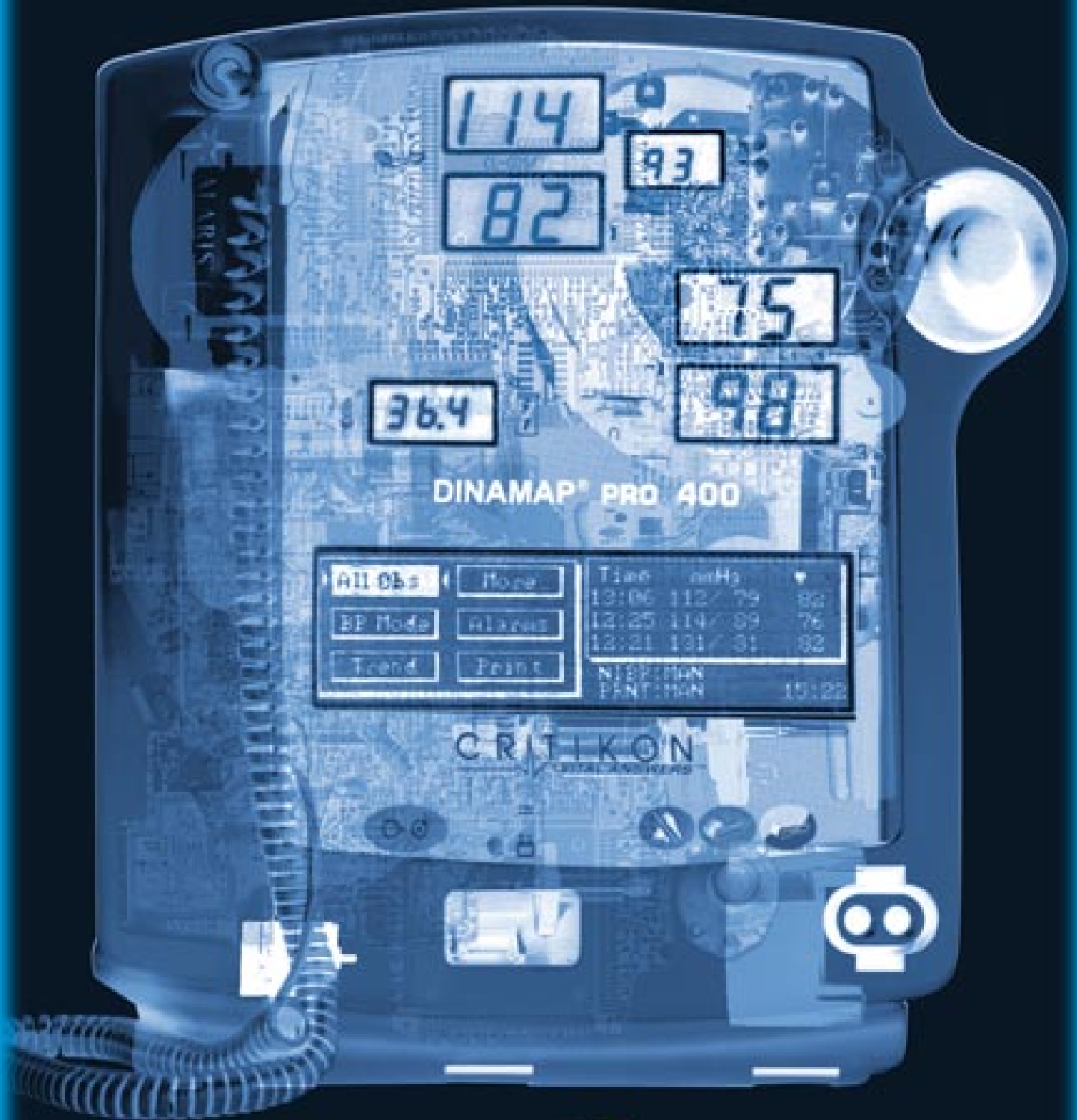


IT'S WHAT'S INSIDE

THAT COUNTS ...



23566

DINAMAP®  
PRO SERIES

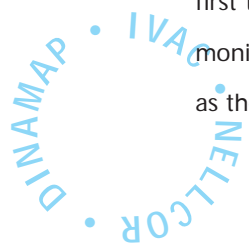
# TECHNOLOGY DEFINES

# THE

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.

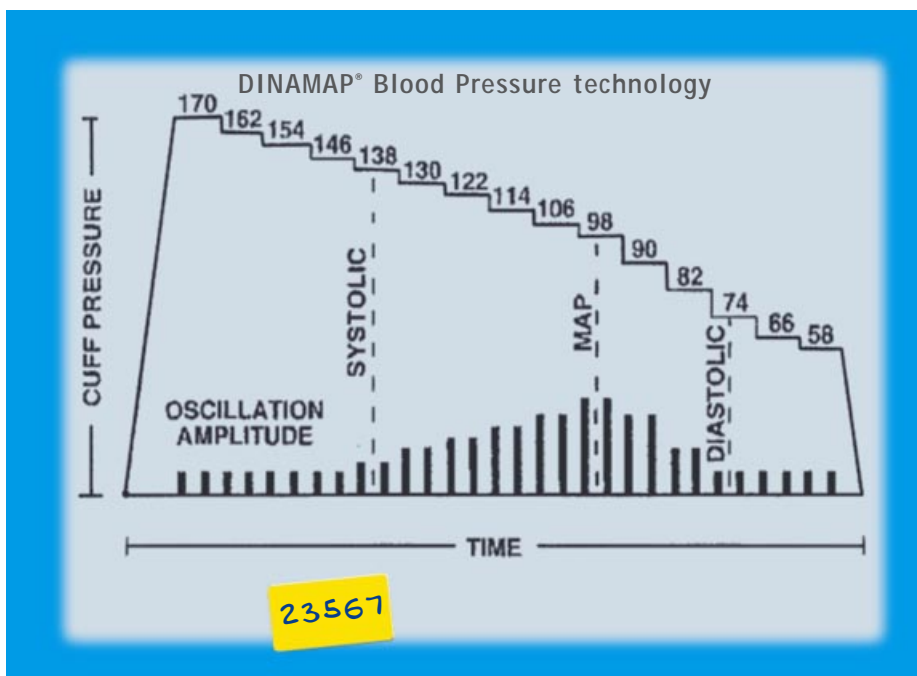


## It's what's inside that counts

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.



• Powerful and easy to use

• Dual hose technology

• Advanced algorithm

# DINAMAP<sup>®</sup> DIFFERENCE<sup>™</sup>



- Motion artefact rejection system

# THE DINAMAP<sup>®</sup> PRO<sup>™</sup> SERIES – THINK EASE OF USE

- 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.

# THE DINAMAP<sup>®</sup> DIFFERENCE<sup>™</sup> – 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.

IVAC • NELLCOR • DINAMAP



**CRITIKON**  
VITAL ANSWERS

Critikon Ltd., Monitor House, Unit 3  
Cherrywood, Chineham Business Park,  
Basingstoke, Hampshire RG24 8WF

**Tel: 08000 920123**

**Fax: 01256 419001**

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\*IVAC is a trademark of Alaris Medical Systems.

\*\*NELLCOR is a trademark of Mallinckrodt, Inc.

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.

## PRODUCT SELECTOR

Model	Order code	Parameter set
DINAMAP® PRO 100	487260	Blood pressure, heart rate
DINAMAP® PRO 200	487270	Blood pressure, heart rate, temp
DINAMAP® PRO 300	487280	Blood pressure, heart rate and oxygen saturation
DINAMAP® PRO 400	487290	Blood pressure, heart rate, temp and oxygen saturation

## BP CUFFS

DURA-CUFF®	NHS Supplies code	Approximate limb circumference
Thigh	FFF056	38.0-50.0cm
Large adult	FFF054	31.0-40.0cm
Adult	FFF055	23.0-33.0cm
Small adult	FFF051	17.0-25.0cm
Child	FFF050	12.0-19.0cm
Infant	FFF049	8.3-15.0cm

## ACCESSORIES

Item	Order code	Descriptions
SpO <sub>2</sub> Sensor	DS100A	Oxygen saturation sensor (adult finger)
Printer paper	770137	Printer paper, 10 rolls
Oral temp probe	88012	
Temp probe covers	615118	IVAC™ Temp probe covers

## SPECIFICATIONS

Dimensions	25cm(H) x 25cm(W) x 18cm(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 ± 0.2°F Predictive mode: ±0.6°C ± 1.0°F
Temperature range	Monitor mode: Max: 42.2°C 108.0°F Monitor mode: Min: 26.7°C 80.0°F Predictive mode: Max: 42.2°C 108.0°F Predictive mode: Min: 31.6°C 88.9°F
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