



Finapres Medical Systems

ABOUT FINAPRES

Finapres Medical Systems B.V. is the leading technology for continuous non-invasive blood pressure measurement, autonomic testing and hemodynamics!

Finapres Medical Systems B.V., based in the Netherlands, develops and distributes medical devices and software for totally non-invasive hemodynamic monitoring.

These devices are the result of over 30 years of research and user-experiences in this area of expertise!

FINAPRES TECHNOLOGY

The proven and worldwide well accepted Finapres® technologies are based on the most accurate and robust continuous non-invasive measurement of blood pressure and model based computation of cardiac output (Finapres® Modelflow®).

Many renowned research institutes as well as prominent hospitals like NASA, Harvard, John Hopkins and Mayo Clinic are currently using this Finapres® equipment.

FINAPRES PART OF DEMCON GROUP

Finapres® is an associated company of the Demcon group, a developer, producer and supplier of high-end medical equipment solutions.



The Finapres®
NOVA

FINAPRES MEDICAL SYSTEMS B.V.

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2002
Established


2500
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37
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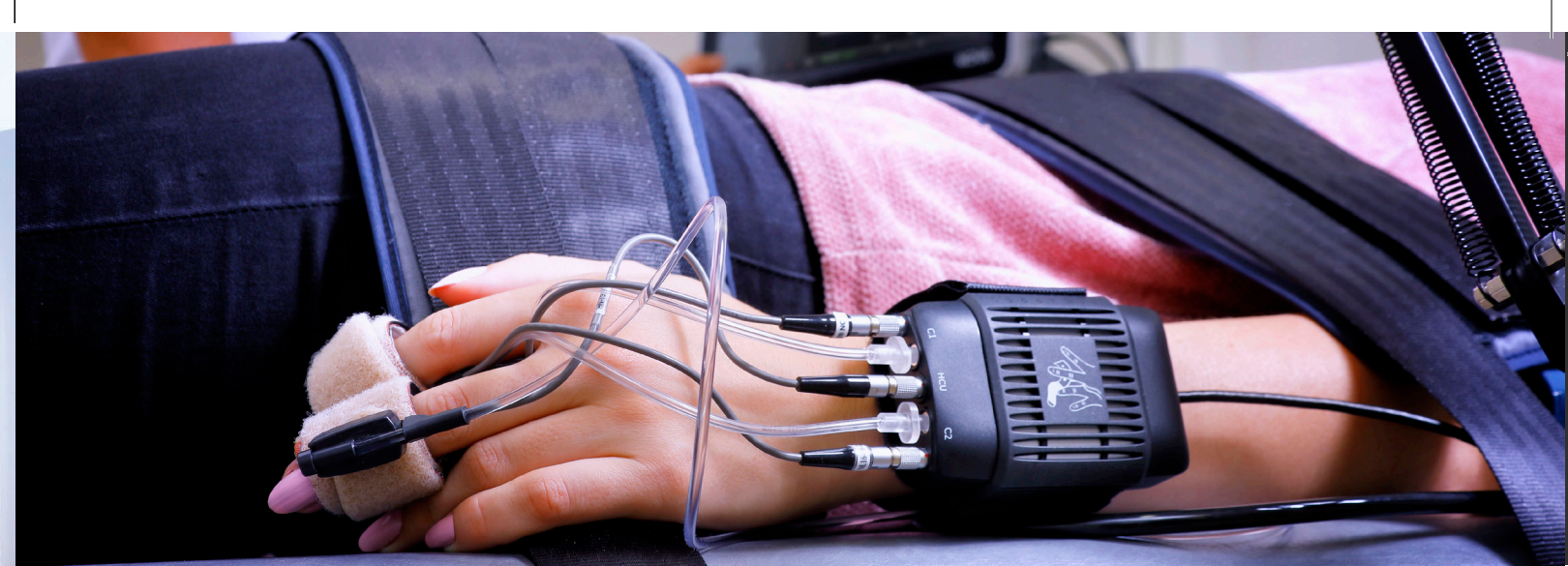


Creates solutions. Get yours.

The Finapres® NOVA is a non-invasive continuous blood pressure monitor that can be expanded any time with several hardware modules and software applications of your choice.

APPLICATION FIELDS

1. Autonomic failure diagnosis
2. Hemodynamic evaluation
3. Physiology education
4. Sleep disorder research
5. Pharmaceutical research
6. Space flight research



Finapres® NOVA Hardware configurations

Finapres® NOVA Basic

The Finapres® NOVA Basic configuration collects the basic parameters for non-invasive continuous blood pressure measurements.

Hardware:

- NANO CORE® module with double finger cuff system
- 3 Finger Cuffs (small, medium, large)
- Height Correction Unit
- Upper arm module for brachial calibration
- Analog Input - Output module (2 in, 8 out)
- User manual

Parameters:

- Continuous non-invasive brachial and finger blood pressure
- Systolic, mean and diastolic pressure
- Heart rate and interbeat interval

Finapres® NOVA ECG + Resp

Hardware:

The Finapres® NOVA ECG + Resp configuration has all functions and features as the Finapres® NOVA Basic plus an ECG module with respiration board. This hardware configuration can be ordered with a 3-lead ECG cable or a 5-lead ECG cable, available in both IEC and AHA color coding.

Parameters:

- 3-lead ECG: I, II, and III signals
- 5-lead ECG: I, II, III, aVR, aVL, aVF, and V1 signals
- Pulse rate & RR interval
- Respiratory rate & waveform (chest impedance)

Finapres® NOVA SpO₂

Hardware:

The Finapres® NOVA SpO₂ configuration has all functions and features as the Finapres® NOVA Basic plus a SpO₂ module for continuous non-invasive arterial oxygen saturation monitoring.

Parameters:

- SpO₂ value & waveform
- SpO₂ pulse strength
- SpO₂ heart rate

Finapres® NOVA Full Options

Hardware:

The Finapres® NOVA Full Options combines all functions and features of the Finapres® NOVA Basic, Finapres® NOVA ECG + Resp and the Finapres® NOVA SpO₂.

Parameters:

- Brachial and finger blood pressure parameters
- ECG parameters
- Respiratory parameters
- SpO₂ parameters