Non-invasive continuous blood pressure measurement in humans

Beat-to-beat hemodynamic monitoring

Measuring Human NIBP using the Finapres Finometer® MIDI and ADInstruments PowerLab® Data Acquisition Systems.

ADInstruments is proud to offer our customers the Finometer MIDI for continuous, non-invasive measurement of blood pressure in humans.

The Finometer MIDI monitors finger arterial pressure continuously and reconstructs the waveform to obtain the brachial arterial pressure. It is ideal for research investigating the trending of systolic, diastolic and mean blood pressure.

Features and benefits:

- Suitable for a wide variety of research applications
- Beat-to-beat hemodynamic parameters
- Continuous recording of finger arterial pressure
- Hydrostatic height correction compensates for hand movements with respect to the position of the heart
- Backed by a long list of research publications and users around the world
- Connects directly to PowerLab data acquisition systems using a BNC connector

Ideal for use with PowerLab and LabChart:

- Display, record and analyze blood pressure parameters in real time
- Additional input and analysis channels (up to 32)
- Blood Pressure Module for LabChart provides cycle averaging and automatic extraction of parameters such as:
  - Systolic Pressure
  - Diastolic Pressure
  - Mean Pressure
  - Pulse Pressure
  - Cycle Duration
  - Heart rate
- Market-leading data acquisition and analysis systems

Applications include:

- Cardiology
- Neurology
- Physiology
- Sleep research
- Sports physiology
- Syncope research
- Altitude research
- Baroreflex sensitivity
- Psychophysiology
- Space research
- Head-up tilt
- Geriatrics

ADINSTRUMENTS
making science easier