



CNAP® IN RESEARCH

reliable, accurate
continuous noninvasive blood pressure
for scientific purposes

KEY FEATURES

NBP Cuff

- > Automated scaling to brachial pressure (gold standard) at start of measurement and user programmable
- > Variety of sizes to fit pediatric thru large adult

Double finger cuffs

- > Quick and error-free application
- > System includes 3 cuff sizes (small/ medium/ large)
- > Long-term recording (24 hrs per hand)
- > User selectable rotation interval up to 60 min. per finger

Continuous waveform

- > Calibrated pulse waveform
- > Continuous tracing of hemodynamic changes without interruptions to recalibrate
- > Beat-to-beat systolic, diastolic, mean BP values

Connectivity

- > Plug & play integration into all common data acquisition systems and patient monitors

Data storage and analysis

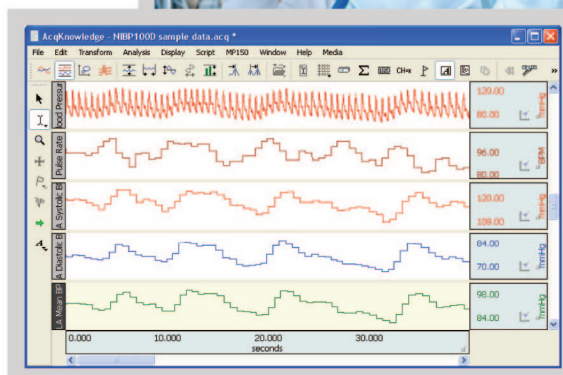
- > Unlimited data storage via USB interface
- > Data format (*.csv) for import into all common data analysis software packages (e.g. AcqKnowledge®, Matlab, MS Excel, SPSS, etc.)

Accuracy

- > Reliably equivalent to invasive blood pressure (IBP) ^{1,2}

APPLICATIONS IN RESEARCH

- > Physiology
- > Psychophysiology
- > Autonomic Function
- > Cardiology
- > Neurology
- > Psychology
- > Sports / Exercise Physiology
- > Pharmacology



SPECIFICATIONS

Sample rate	100 Hz
Storage data format	*.csv (BP waveform; beat values, NBP)
Interfaces	AUX (non isolated): -5V to 5 V BP Wave Out (isolated): 5µV/V/mmHg
Adult & Pediatric	~ 4 years (> 20 kg)
Language Options	multilingual display

