

ABPMpro

*Ambulatory Blood Pressure
Measurement one step ahead,
for the physician, patient & science!*



TRADITION MEETS INNOVATION

   Made in Germany

ABPMpro – Ambulatory Blood Pressure Measurement taken a step further!



Good bye tube & pouch

Maximum wearing comfort
for the patient



Multi-Sensor Technology

Optimal diagnosis
by the physician



Novel measurement methods

Innovative approaches
for research & science

Model **ABPMpro Classic**

Device directly attached to the cuff

5 unbeatable reasons for ambulatory blood pressure measurement today



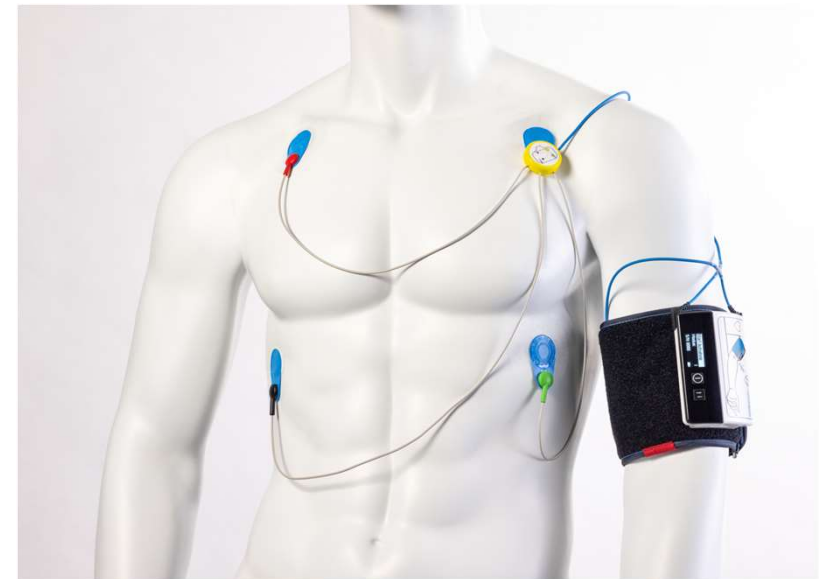
- **Good bye tube & pouch** – device is attached directly to the cuff, maximum wearing comfort for the patient over 24 hours, resulting in significantly higher patient acceptance
- **Internal ECG** – continuous recording of heart rate, evidence of physical and psychological stress (heart rate variability)
- **Internal activity sensor** – correlation of blood pressure to activity at a glance, improved differentiation between physiological and pathological blood pressure increase
- **Internal body position sensor** – day/ nighttime detection made easy, no more patient interaction needed
- **Blood pressure measurement during inflation and/or deflation** – in combination with the tubeless design, 10-15% more valid measurement results compared to standard ABPM devices

Model **ABPMpro Cardio**

Device directly attached to the cuff + 3-channel ECG sensor

New standard for cardiovascular disease detection

- Ambulatory blood pressure measurement and 24h ECG holter (3-channel) in one device
- Automated ECG analysis using validated AI algorithms
- Simple, fast and reliable diagnosis of cardiovascular risk



Model **ABPMpro Research**

Device directly attached to the cuff + 3-channel ECG sensor + Pleth sensor



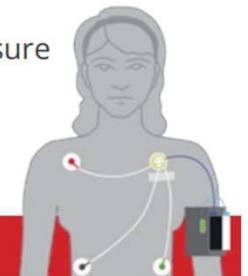
New insights through multi-sensor approach

- Continuous (beat-to-beat) blood pressure recording **WITHOUT** inflation of the cuff based on the Pulse Transit Time (PTT)
- Heartbeat-precise representation of the blood pressure curve with all minima and maxima
- New journey to undisturbed sleep during a 24h blood pressure measurement test
- Time-synchronous multi-sensor data (see check box on the right)
- Export of all data (computed or raw)

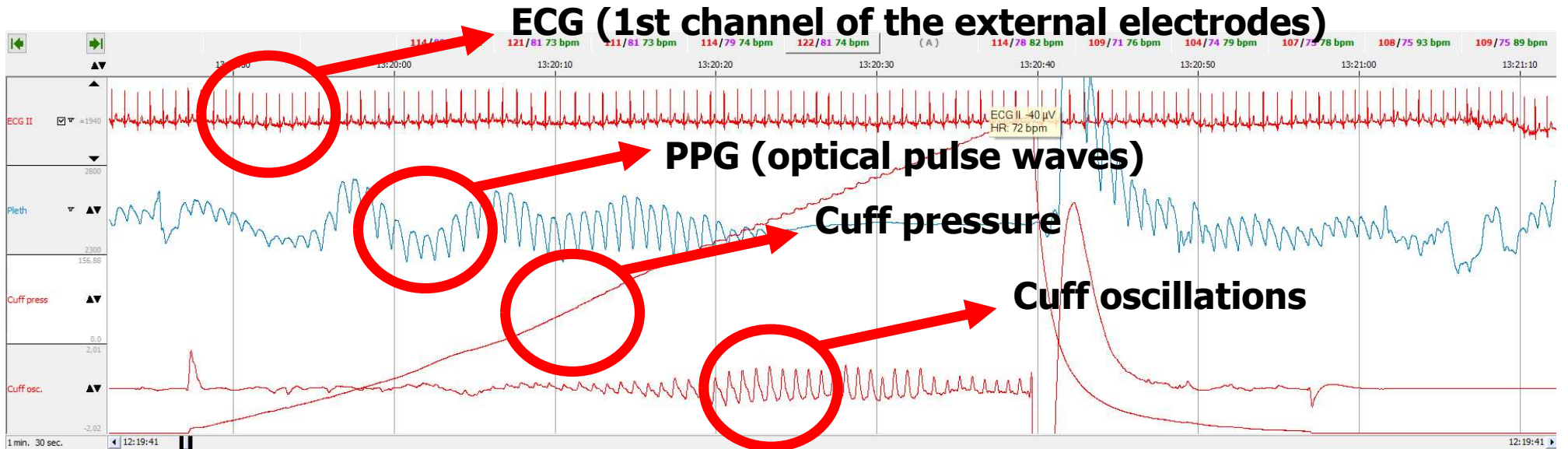
Cont. blood pressure set

ABPMpro + 3-channel ECG sensor
+ Pleth sensor

- Ambulatory, long-term BP
- Internal ECG
- Actigraphy
- Body position (arm)
- Holter ECG
- Body position (thorax)
- Impedance cardiography (Breathing rate, PEP)
- PWA / PWV
- Cont. blood pressure based on PTT

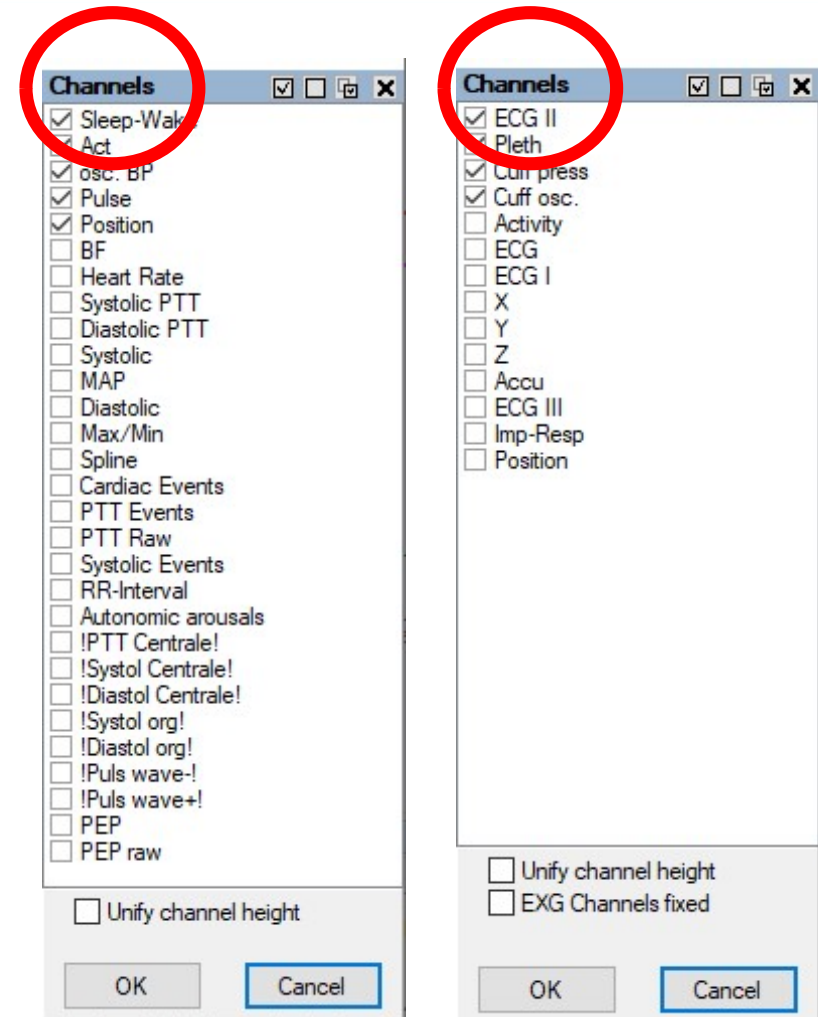


Art. No.: **ABP120**



Technical features (2): Measurements

- Time-stamped multi-sensor data
- Many more channels to choose from for graphical display
 - Oscillometric (cuff) blood pressure
 - PTT beat-to-beat blood pressure
 - 3-channel ECG recording
 - Actigraphy / accelerometry / gyroscopy
 - Body position (arm/thorax)
 - Sleep arousals
 - Respiration rate
 - Heart rate variability
 - Pre-ejection period



Technical features (3): Measurements

- Time-stamped multi-sensor data
(track what happens)

Irrregularity in the ECG, ...

... will also show in the PPG



References (since market launch December 2022)



Please contact us for more information!

René van Liemt

info@litra-distribution.nl

Litra-Distribution.nl - partner for ABPMpro
Somnomedics GmbH, Germany
Manufacturer of ABPMpro