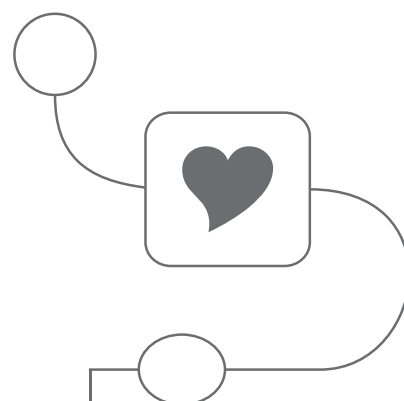


# BLOOD PRESSURE

**petMAP+ II**  
Multi-Parameter Monitor



A complete exam  
room & OR Monitoring  
device with One  
handheld device





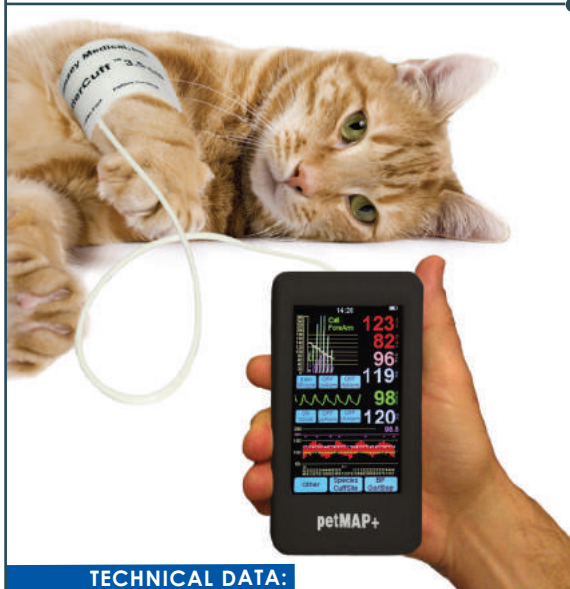
## Portability, Accuracy, Flexibility and Simplicity Like on other!

### Base unit:

- Blood Pressure
- Heart Rate
- Temperature
- Pulse Oxymetry (Only on **petMAP+ II SpO2**)

### Additional modules:

- ECG(surface leads / ESO)
- EtCO2 with capnograph



### TECHNICAL DATA:

Systolic:	40 - 265 mmHg
MAP:	30 - 200 mmHg
Diastolic BP:	25 - 195 mm Hg
Heart Rate Range:	40 - 240 bpm (PA et SpO2)
SpO2 accuracy:	+/-3% in 80 - 100% range
Temperature accuracy:	+/-2°C in 29°C - 46°C range
Screen:	5"
Dimensions:	15 x 8 x 3 cm
Weight:	400 gr (batteries included)
Battery:	4 AA batteries
Cuffs included:	2.0 - 2.5 - 3 - 3.5 - 4 - 4.5 and 5.5 cm
Temperature probe:	+ 2,4 m. extension cable

### petMAP+ II provides:

- ▶ Proven petMAP technology with PPO (petMAP Proprietary Optimizations)
- ▶ O2 saturation with pleth display (optional)
- ▶ Temperature monitor using esophageal probe
- ▶ Easy to use «no menu» touch screen display
- ▶ Real-time display of oscillometric «envelope»
- ▶ Selectable BP cycle times in OR mode
- ▶ Tabular display of readings and NSV in clinic
- ▶ Graphic display of last 45 readings in OR
- ▶ Built in NiMH batteries and wall charger
- ▶ A SD card slot allows to record all monitored and measured patient vital signs on a user supplied SD card
- ▶ Optional CO2 and ECG modules
- ▶ Optional pole or table mount

**PetMAP+ II** is a technologically advanced oscillometric BP measurement device designed for use in the broadest range of patient sizes and blood pressures. Compare its features in the chart below:

## Feature

## Benefit

**PetMAP+ II** continuously uses **Dual Oscillation Channel Analysis** during each determination. High and low gain channels are analyzed simultaneously

BP measurement reliability and sensitivity are enhanced across the broadest range of patient sizes. Feature requires no user setting or adjustment

**PetMAP+ II** has **PPO** (petMAP Proprietary Optimization), allowing the user to specify the species (cat, dog) and measurement site (forearm, tail, hind foot).

**PPO** improves the correlation to Intra Arterial Pressures (IAP), the patient's true blood pressure.

**PetMAP+ II** calculates and automatically displays the **NSV** (Nominal Session Value) after each reading during a session.

**NSV** is a much more robust calculation than a simple average. NSV is most representative on the patient BP during a session, and is typically the charted value.

**PetMAP+ II** graphic's integral display displays the cuff pressure and the oscillation amplitude during a determination.

The user has the ability to visually assess the quality of each reading and to end the determination if appropriate. Severe motion artifact is visualized during the reading.

**PetMAP+ II** graphic can display the last ten readings as both a tabular list as well as a graphical chart; values are "aged" from the time of power-up.

Individual determinations are available for charting. The user can view the graph and easily see if the values are consistent and if the session can be terminated.

**PetMAP+ II** is compact, handheld and battery operated.

Convenient for exam room use (hypertension screening), but also for trauma, anesthesia, procedures and even house calls.

**PetMAP+ II** includes seven cuffs of various sizes from 2 to 5.5 cm.

The proper cuff size is critical to accurate BP measurement. **PetMAP+ II** provides the broadest cuff size range available.



## Options:

- Large cuffs: 6.5 - 8 - 10 and 13 cm
- Rectal temperature probe
- 2 esophageal probes (cat and dog) for ECG and temperature
- 3 lead wire set for ECG
- 2 non invasive SpO2 sensors (transflectance and small flex sensors)
- 2 CO2 airway adapters (small and large)
- Pole mount
- Cover



**petMAP+ II**  
ECG  
Module

**ECG module:**

- Displays ECG waveform and HR
- 3-electrode system:  
lead III for HR
- Optional esophageal probes:  
Displays ECG, HR and temperature



**petMAP+ II**  
ETCO  
Module

**EtCO2 module:**

- Mainstream Capnography
- Provides capnograph, CO2 numerics (EtCO2, Insp CO2, RtCO2) and Respiration Rate from CO2
- Includes large and small airway adapters

