

Blood Pressure

petMAP_{g3}





Easy and reliable:

- Rechargeable batteries
- Larger 5" (12.7 cm) display
- Monitoring mode
- Temperature (probe sold separately)



petMAP™ family:

More than 15 years of trusted clinical partnership with small animal veterinary professionals worldwide!



And still:

- Proven petMAP technology with PPO (petMAP Proprietary Optimizations)
- Display of systolic, diastolic, mean arterial pressure (MAP) along with heart rate
- Easy to use «no menu» touch screen display
- Real-time display of oscillometric «envelope»
- Correlation to intra-arterial readings
- Tabular display of readings and NSV (nominal session value) in clinic
- Optional pole or table mount
- SD card slot to record all monitored and measured patient vital signs on a user supplied SD card

Technical Data:

Systolic:	40 -265 mmHg
MAP:	30 - 200 mmHg
Diastolic:	25 -195 mmHg
Heart rate:	40 - 240 bpm
Temperature:	29°C - 46°C
Display:	5" (12.7 cm)
Dimensions:	15 x 8 x 3 cm
Weight:	460 gr (including batteries)
Batteries:	4 AA NimH rechargeable batteries
Included cuffs:	2 - 2.5 - 3.5 - 4 - 4.5 - 5.5 cm



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The importance of blood pressure measurement in veterinary medicine:

The initial symptoms of arterial hypertension are most often hard to detect. In many cases, the diagnostic is made too late. Especially older animals and particularly cats are affected by hypertension but there are several indications on dogs as well.

A regular check-up is vital for each older animal: blood analysis (kidney insufficiency detection) and blood pressure measurement to detect hypertension. According recent studies, up to 30% of cats who suffer from chronic kidney insufficiency show hypertension. Cerebral disfunctions, ocular problems, severe renal troubles and others can be the consequences of arterial hypertension.

It is also useful to take blood pressure before or during infusion: the arterial pressure can be a non neglectable indicator of the animal's condition. The infusion volume and speed can be adapted by taking blood pressure into consideration.

*Blood Pressure
Just Go Easier !*



Application fields of PetMAP™:

- ▶ Check-Up
 - geriatry
 - vaccination,
 - unspecific symptoms...
- ▶ Emergencies
 - shock
 - trauma
 - intoxication...
- ▶ Intensive care monitoring
- ▶ Treatment of patients with heart diseases or hypertension
- ▶ Anaesthesia monitoring



petMAP_{g3}



petMAP g3 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:

Technology

Benefits

<p>PetMAP g3 continuously uses Dual Oscillation Channel Analysis during each determination. High and low gain channels are analyzed simultaneously</p>	<p>BP measurement reliability and sensitivity are enhanced across the broadest range of patient sizes. Feature requires no user setting or adjustment</p>
<p>PetMAP g3 has PPO (petMAP Proprietary Optimization), allowing the user to specify the species (cat, dog) and measurement site (forearm, tail, hind foot).</p>	<p>PPO improves the correlation to Intra Arterial Pressures (IAP), the patient's true blood pressure.</p>
<p>PetMAP g3 calculates and automatically displays the NSV (Nominal Session Value) after each reading during a session.</p>	<p>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.</p>
<p>PetMAP g3 graphic's integral display displays the cuff pressure and the oscillation amplitude during a determination.</p>	<p>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.</p>
<p>PetMAPg3 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.</p>	<p>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.</p>
<p>PetMAP g3 is compact, handheld and battery operated.</p>	<p>Convenient for exam room use (hypertension screening), but also for trauma, anesthesia, procedures and even house calls.</p>
<p>PetMAP g3 includes seven cuffs of various sizes from 2 to 5.5 cm.</p>	<p>The proper cuff size is critical to accurate BP measurement. PetMAP g3 provides the broadest cuff size range available.</p>



PetMAP g3 options:

- Larger cuffs: 6.5 - 8 - 10 and 13 cm
- Esophageal temperature probe
- Rectal temperature probe
- Pole mount
- Table mount
- Protection cover



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