

Memo Diagnostic

MD¹⁵ / MD⁹⁰

Indirect Blood Pressure Measurement (oscillometric)
in cats and dogs

- **5-300 mmHg**
- **Pulse rates up to 420**
- **MAD**
- **Anesthetic loop**
- **PC interface**

An important component in:

Routine checkups

Diagnostics

Progress monitoring

Anesthesia monitoring

MD⁹⁰ Dog

MD¹⁵ Cat



S+B
medVET
Systems + Beratung

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An important and indispensable component in medical routing checkups!

Highly accepted by the animal owner

Equipment description:

The MD series is the latest generation of our oscillometric blood pressure measurement devices developed especially for the physiological and anatomic characteristics of animals. Its technical specifications and specially developed cuffs enable fast and dependable measurements of the blood pressure (SysD, DiaD, MAD) and the pulse rate (up to 300 beats/m).

There is no need to shear the fur in the measurement area!

Movement artifacts are recognised and filtered out (30% movement artifact tolerance).

Multiple measurement data and related average value display is possible as well as optional data transmission to a PC with printout capability.

The units are battery powered which makes them extremely versatile. The breed-specific reference value table allows for a fast assessment of the measured blood pressure.

Memo Diagnostic equipment options

Units	Sys + Dia 5-300 mHg	MAD	Pulse rates up to 420	Anaesthetic loop: 5 intervals	PC interface via special cable
MD_15 CAT	●	●	●	●	
MD_90 DOG	●	●	●	●	
MD_15/90 Pro	●	●	●	●	●

Diseases that are associated with hypertension - cause and/or effect

- ⇒ Cardiovascular diseases
- ⇒ Renal diseases
- ⇒ Diseases of the central nervous system
- ⇒ Ophthalmological changes
- ⇒ Obesity
- ⇒ Metabolic imbalance, such as
 - Hyper- and hypothyreosis
 - Morbus Cushing
 - Diabetes mellitus

Indications for blood pressure measurement

- ⇒ Routine screening methods/ age check
- ⇒ Diseases associated with hypertension
- ⇒ Hypotonic emergencies (shock, trauma, pericardial effusion, poisoning, Addison crisis, changes in the ECG, bradyarrhythmia (AV block, atrial standstill etc.))
- ⇒ Monitoring of intensive care patients
- ⇒ Monitoring of therapies using medicaments that influence the blood pressure (ACE blockers, β -blockers, CA antagonists, ...)
- ⇒ Preparation and monitoring of anesthesia