



- Brake Maintenance
- Hydraulic Devices
- Wheel Alignment
- Tyre Service
- Engineering

Order-No.: **4510**

Type: **AQUA 10**



With the AQUA 10 the quality of the brake fluid is determined. The exact boiling point of the brake fluid is measured.

If the actual boiling point surpasses a certain limit, the brake fluid has to be changed, to secure the functionality and the reliability of the hydraulic brake system. This is valid especially for antilock brake systems.

Description:

With the AQUA 10, a brake-fluid probe is heated up to a particular temperature in a closed pressure cell. The temperature is regulated by two temperature switches. Depending on the state of the brake fluid, the pressure increases in the measuring cell. Over the so-called steam pressure, the quality of the brake fluid is then valued at a constant temperature. The measuring result is read from a drag needle.

A green indicator light signals when the measuring cell can be opened again. Therefore the measuring simulates exactly the conditions, which exist in the wheel-brake cylinder. The more steam develops in the wheel-brake cylinder by heating up due to the brake friction, the larger the danger of vapor locks and the failure of the brake system in the extreme case becomes.

The vapor-lock is favored by consumption of water or humidity from the air the brake fluid i.e. by the diffusion at the brake cups, by fouling, as well as by corrosion of the brake system.

With AQUA 10 all this faults are noticed in contrast to the common measuring methods, where often only the electrical conductivity of the brake fluid is measured.

- no vaporization of the brake fluid due to closed pressure cell
- quick measuring results
- brake-fluid changes during the maintenance intervals, if the brake fluid has an insufficient boiling point.
- indicator light for the start or the end of the measuring period
- control of the risk facts
- contribution to the driving safety
- no inhalation of glycol steam by operator
- no measuring of electrical conductivity
- simplest operation
- solid construction suited for workshops

Technical Data:

Electrical connection: 230 V/50 Hz

Dimensions (LxWxH) in mm: 210 x 270 x 245

Weight: about 4.4 kg

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Scope of delivery:

Measuring instrument AQUA 10 with catch reservoir and 10 removal pipettes.

Accessory:

10 replacing pipettes with cannula (46101)

100 replacing pipettes (46102)

Modifications and errors reserved, 09/01/2008