

## SOLAR PRODUCTS SOLAR THERMAL TRANSFER

# Equipment Tools/Commissioning





Article number: 221 023
Description: Test gauge

Display range: 0 to 4.0 bar

Test guage

The **test gauge** is used within the context of the annually prescribed maintenance in accordance with DIN 4807 to check the initial pressure of membrane pressure expansion vessels.

## **Features**

- · Fast, accurate measurement
- Pressure relief nipple for immediate reduction of operating pressure
- Easy reading of maximum measured value through additional drag indicator
- Durable metal housing

Article number: 221 158
Description: ph dipstick

Content:100ph display range:ph 5 to 10Display accuracy: $\pm$  0.5

## ph dipstick

The **ph dipsticks** can be used to measure the ph value of the solar fluid. Together with the protection against frost, the ph value is the second most important criterion by which to check the quality of the solar fluid. A ph value of between 7 and 8 means the solar fluid can still be used. Measuring the level of frost protection using the glycomats or refractometers and measuring ph values is part of annual maintenance and is used to check whether solar fluid can still be used.

#### **Features**

- Easy to use
- Easy to establish the ph values of the solar fluid
- Secure method for establishing quality of solar fluid

#### Operation

Dip the ph dipstick into the solar fluid for between one and ten minutes until there is no further change of colour. Remove the dipstick and compare the ph value using the scale on the box. If the ph value varies from the target value of 7 - 8 the solar fluid must be exchanged.