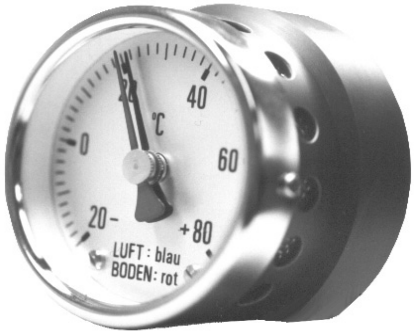
# BIMETAL SURFACE THERMOMETER
for concrete and floors, Fig. 25+26

| | |
|---|---|
| Case: | Diam. 63 (68) plastic-grey |
| Bezel: | Stainless steel 1.4301 |
| Dial: | Aluminium, white varnished<br>lettering and graduation black |
| Pointer: | Air: Aluminium blue<br>Ground: Aluminium red |
| Window: | Instruments glass<br>- 2-fold drag pointer for max. und min. temperature<br>- Single drag pointer for max. temperature Fig. 25 |
| Handling: | To seat with total surface contact on concrete or the like |
| Measuring system: | Double chamber with bimetal spiral spring |
| Measuring range: | -20+80°C |
| Accuracy class: | Ground: ± 2.5°C<br>Air: ± 1.0°C |
| Features: | Fig. 25<br>With single chamber system for ground measurements<br><br>- OPTIONS |




| Diam. | Article number: |
|---|---|
| 63 Fig. 25 | 1290001 |
| 63 Fig. 26 | 1290002 |

Fig. 25

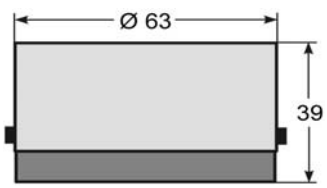
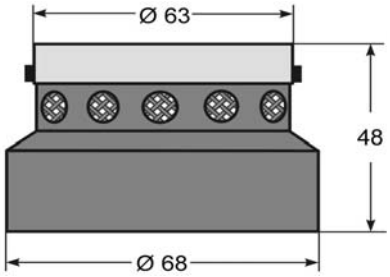



Fig. 26




This gauge is used as a thermometer to be seated with total surface contact for ground and air measurements. It is mainly used in the concrete processing because the quality of concrete depends on the setting temperature resp. the setting speed.

As the gauge is produced with a plastic case, the surrounding temperature doesn't influence the ground measuring system.

The case contains a measuring system with two chambers. That's the reasion why the ground temperature and the air temperature can be measured separately.

The temperature-sensitive base transfers the temperature to the measuring spiral spring and can be read off by a red instrument pointer.

Another system is placed in a separate upper measuring chamber (fitted with venting bore holes) and indicates the surrounding air temperature by a blue instrument pointer.

Even in the floor laying technic this gauge has been efficient.

To find out the highest ground and the lowest air temperature time-independend the thermometer additionally can be fitted with a minimum and maximum drag pointer.

The actual value pointer is fitted with a flag equally coloured as the drag pointer mounted in the glass window pulled to the highest resp. lowest temperature value according to temperature changes.

When both measuring systems have reached again the original position after finished measurement, the drag pointers can be readjusted to the actual value pointer by turning the buttons. Thenafter a new measurement can be made.

Masses and dimensions are conform to current company standard. Changes to improve ou gauges will be made without preannouncement.