

Case:	Diam. 63 ( 68 ) plastic grey
Bezel:	Stainless steel AISI 304
Dial:	Aluminium, white varnished lettering and graduation black
Pointer:	Air: Aluminium, blue Ground: Aluminium, red
Window:	Instrument glass - Max./Min. drag pointer - Max. drag pointer (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:	Air: ± 1,0°C Ground: ± 1,5°C
Features:	Fig. 25 With single chamber system for ground measurements



Fig. 26

**- OPTIONS**

Diam.:	mm	Article number:
Fig. 25		63 1290001
Fig. 26		1290002

Fig. 25

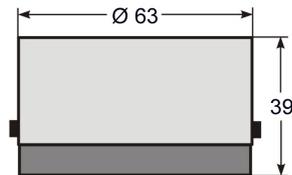
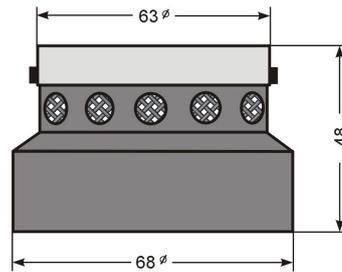


Fig. 26



### FIELD OF USING

During the setting of concrete the so-called setting temperature arises, which can develop a higher or a lower temperature data depending on the manufactured materials. Especially on cold days this recorded temperature is necessary to assure further concrete working.

### NOTE

Do not use on fresh, wet concrete, being conditioned by the construction of the gauge. Because of the open bottom side the concrete could possibly intrude into the gauge and destroy it. Then please use Fig. 25 (with closed bottom side).

### FUNCTION TABLE

- ▷ The lower measuring chamber is protected by screen wire of st.st. The inner bimetallic system indicates the ground temperature, which can be read by the red instrument pointer.
- ▷ Another system is placed in a separate upper measuring chamber and indicates the surrounding air temperature. This temperature can be read by the blue instrument pointer.

To find out the highest ground and the lowest air temperature time-independent 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. Thereafter a new measurement can be made.

Dimensions and technical data are conform to current company standard. Changes to improve our instruments will be made without preannouncement.