

Temperature

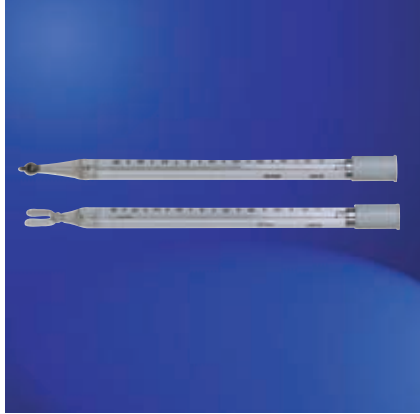
- 14 -

Model Brief
Description

Order No.

Technical Data

Thermometers



Maximum Thermometer

A mercury glass thermometer, can be calibrated. Employed to determine the highest air temperature.

Minimum Thermometer

A alcohol glass thermometer, can be calibrated. Employed to determine the lowest air temperature.

2.0445.00.002	Measuring range	- 30 ... + 50 °C
	Accuracy	± 0,2 K
	Graduation	0,5 °C
	Type	acc. with DIN 58654
	Dimension	Ø 19 x 300 mm
	Weight	0,075 kg

2.0446.00.001	Measuring range	- 40 ... + 40 °C
	Accuracy	± 0,3 K
	Graduation	0,5 K
	Type	acc. with DIN 58653
	Dimension	Ø 19 x 300 mm
	Weight	0,06 kg



Standard Thermometer

A mercury glass thermometer, can be calibrated. Designed for measuring the current ambient temperature. Also used as a spare thermometer for psychrometers Model August.

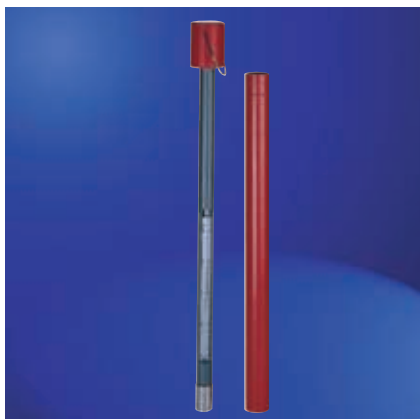
2.0447.00.001 .002	Measuring range	- 40 ... + 40 °C - 30 ... + 50 °C
	Accuracy	± 0,2 K
	Graduation	0,2 °C
	Model	acc. with DIN 58660
	Dimension	Ø 16 x 370 mm
	Weight	0,06 kg



Soil Thermometer

A mercury glass thermometer, can be calibrated. Designed for measuring the soil temperature. Supplied with a holder. The immersion depth governs the depth of the measuring point in the soil.

2.2110.02.003	Meas. range	- 25 - + 60 °C	Immersion depth	20 mm
.03.003		- 25 - + 60 °C		30 mm
.06.004		- 25 - + 45 °C		60 mm
.11.006		- 22 - + 40 °C		110 mm
.16.008		- 15 - + 40 °C		160 mm
.21.009		- 15 - + 35 °C		210 mm
.31.009		- 15 - + 35 °C		310 mm
	Accuracy	± 0,4 K (< 0 °C) ± 0,2 K (0 - 50 °C) ± 0,3 K (> + 50 °C)		
	Graduation	0,2 °C		
	Type	acc. with DIN 58655		
	Bending	150°		
	Weight	ca. 0,95 kg		



Soil Depth Thermometer

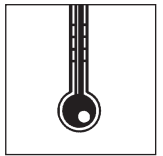
Consists of a mercury glass thermometer with a holder and a plastic guide tube. The immersion depth governs the depth of the measuring point in the soil.

Soil Borer not depicted

To pre-bore holes for the soil depth thermometer as described in the preceding.

2.2115.03.013	Immersion depth	500 mm
2.2116.03.013		1000 mm
	Measuring range	- 10 ... + 30 °C
	Accuracy	± 0,3 K (- 10 ... - 5 °C) ± 0,15 K (- 5 ... - 30 °C)
	Graduation	0,1 °C
	Type	acc. with DIN 58664
	Guide tube	Ø 40 mm
	Weight	0,9 kg resp. 1,4 kg

2.2118.03.000	Bore diameter	approx. 40 mm
	Depth of bore	max. 1 m
	Total length	ca. 1,1 m
	Weight	1,2 kg



Model Brief
Description

Order No.

Technical Data

Extreme Thermometer for use in Soil

Consists of a mercury glass thermometer with a bent immersion stem, determines the lowest and highest temperature of the soil. The immersion depth governs the depth of the measuring point in the soil.

Thermometer Stand

not depicted

Holds the extreme thermometer for use in soil, described in the preceding.

2.2121.xx.002
2.2122.xx.002
.02.
.05.
.10.
.20.

Type	Min.-Thermometer Max.-Thermometer
Immersion length	20 mm 50 mm 100 mm 200 mm
Measuring range	- 25 ... + 50 °C
Accuracy	± 0,4 K / ± 0,3 K
Graduation	0,2 °C
Bending	95°
Weight	0,12 kg



2.2123.00.000

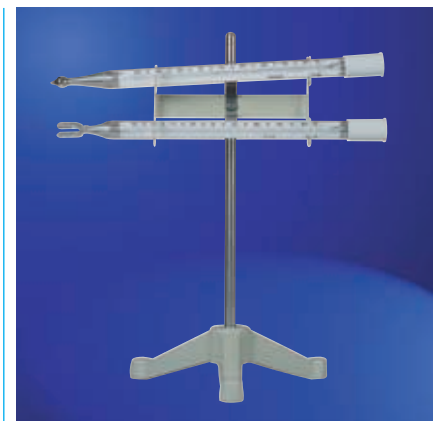
Material	Stainless steel
Dimension	340 x 320 x 20 mm
Weight	0,7 kg

Extreme Thermometer

Determines the lowest and highest ambient temperature. Consists of a maximum thermometer and a minimum thermometer with stand.

2.2135.00.000

Techn. data	see instrument no.: 2.0445.00.002 and 2.0446.00.001 (page 14)
Total height	320 mm
Weight	1,5 kg



Max.- and Min.- Thermometer

Model Six

Thermometer determines the current temperature as well as the lowest and the highest temperatures of the measuring period.

There is a magnet included in the delivery to set back the markers for extreme value identification. Instrument is installed onto a plane wall.

2.2000.00.002
2.2002.00.002

Model	Glass base plate Sheet metal case
Measuring range	- 30 ... + 50°C
Graduation	1 °C
Fluid	Mercury
Instrument colour	white
Dimension	200 x 55 x 10 mm , resp. 240 x 60 x 35 mm
Weight	0,15 kg , resp. 0,2 kg



Max.- and Min.- Thermometer

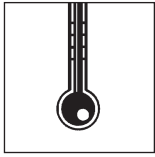
Thermometer determines the current temperature as well as the lowest and the highest temperatures of the measuring period.

There is an adjustment knob to set back the marker threads for extreme value identification.

2.2004.00.079

Measuring range	- 38 ... + 50°C
Graduation	1 °C
Fluid	Mercury
Material of case	white synthetic
Length of scale	110 mm
Dimension	220 x 66 x 35 mm
Weight	0,17 kg





Temperature

- 16 -

Model Brief
Description

Water Thermometer

Thermometer determines the water temperature.

A glass mercury thermometer in a metal tube with a large perforated water container.

Order No.

2.2141.00.064

Technical Data

Measuring range	- 5 ... + 40 °C
Accuracy	± 0,2 K
Graduation	0,5 °C
Fluid	Mercury
Container	Brass, nickel plated
Dimension	Ø 28 x 300 mm
Weight	0,4 kg

