

Produkt Information

G 1791 One-Hand Soil/Compost-Thermometer



- Robust stainless steel insertion probe
- Ergonomic arrangement of the display and probe
- Fast measurement due to optimized measuring tip
- High resolution and accuracy
- Adjustable alarm function
- Calibratable / traceable
- Long battery life

Characterisitcs

The G 1791 is a convenient insertion thermometer for soft soils, compost, agricultural windrows and bulk materials. The sophisticated probe tip offers a best possible compromise between speed and robustness. The connection between the indicator and probe is welded from solid stainless steel for reliability in tough measurement applications.

Precision, speed and reliability packed in a compact and robust housing makes the instrument a reliable partner for professional users, Made in Germany.

Technical Data

Measuring input Pt1000
 Range -70.0 .. +250.0 °C (-94.0 .. +482.0 °F)
 Precision -20 .. +100 °C: ± 0.1 K ± 1 Digit
 else: ± 0.2 % of measured value ± 2 Digit
 Reaction time t90 Water (0.4 m/s) ca. 4 s
 Measuring frequency: 2 measurings/s

Probe:
 Diameter: Ø 8 mm
 Length: 920 mm
 Mounting: Probe firmly screwed underneath, similar T-handle

Standard functions: Min/Max/Hold
 Auto power-off function
 Additional functions:
 Zero and slope correction
 Min/Max-Alarm: Display indication, blinking, buzzer

Ambient conditions -20 to 50 °C; 0 to 85 % r.h. (non-condensing)

Display 3 lines with battery status indicator,
 Backlight, shatterproof screen,
 Operation 4 long-life buttons

Power supply 2*AA batteries (incl.)
 Battery life >2500 h (without backlight,
 with backlight >1000 h)
 4 level battery status indicator
 Automatic switch-off, adjustable

Housing Shatterproof ABS
 Screwed battery compartment
 Protection class IP54
 Dimensions 108 * 54 * 28 mm (L*W*H)
 Weight 275 g incl. battery

Scope of supply

- Handheld with sensor
- Test protocol, optional calibration certificate
- 2xAA batteries
- Manual

Standard articles

- Instrument G 1791 Art.-No. 482472

Spare parts

- Spare batteries 2x AA GB-AA-2 Art.-No. 479249



Compost measuring