

## 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:  $\pm 0.1 \text{ K} \pm 1 \text{ Digit}$   
else:  $\pm 0.2 \%$  of measured value  $\pm 2 \text{ Digit}$   
Reaction time  $t_{90}$  Water (0.4 m/s) ca. 4 s  
Measuring frequency: 2 measurings/s

Probe:  
Diameter:  $\varnothing 8 \text{ mm}$   
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 |
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Compost measuring