

Product Datasheet

ECO 122 One-Hand Soil / Compost-Thermometer



- Modern and functional housing
- Excellent price-performance ratio
- Robust stainless steel insertion probe
- Fast measurement due to optimized measuring tip
- Adjustable alarm function
- Adjustable, optionally traceable with calibration certificates
- 3-line display / overhead display at the touch of a button
- Backlight
- Robust, long battery life
- Hold function for freezing measured values
- Min/Max function for minimum and maximum recorded measured values

DESCRIPTION

The ECO 122 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.

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Display

Thanks to the backlight, the three-line LCD display offers ergonomic wide-angle visibility - by day and by night.

The HOLD function enables the display values to be frozen.

Power supply

2 powerful AA batteries, the energy-saving design and the configurable automatic switch-off function ensure long operation.

Configurable LCD backlight for additional energy-saving options.

TECHNICAL SPECIFICATIONS

Measurement specifications

	ECO 122
Sensor element	Pt1000
Measurement range	Temperature -70.0 ... +250.0 °C (-94.0 ... +482.0 °F)
Accuracy	-20 ... +100 °C: $\pm 0.1 \text{ K} \pm 1 \text{ Digit}$ else: $\pm 0.2 \%$ of measured value $\pm 2 \text{ Digit}$
Probe dimensions	Ø8 mm, length 920 mm

General specifications

Display	3-line with battery status display, backlight, protected by shatterproof glass, overhead display at keypress
Power supply	2 x AA Alkaline batteries (included)
Power Consumption	ca. 0.4 mA, ca. .2 mA with backlight
Battery life	ca. 5000 h typ. continuous operation, without backlight
Automatic Switch-Off	Yes, configurable by the user
Ambient conditions	-20 to 50 °C; 0 to 95 % r.h. (non-condensing)
Storage temperature	-25...70 °C (without batteries)
Protection class	IP54
Dimensions	108 x 54 x 950 mm (H x W x D)
Weight	approx. 285 g (with battery)
Housing	Impact resistant ABS, Polyester (front panel)

Standard articles

ECO122 One-Hand Soil/Compost-Thermometer (formerly G 1791) ECO122
Scope of delivery: Device in carton box, batteries, manual

Art no. 486772

available accessories can be found on the Senseca website.