

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
- Made in Germany

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
Inputs	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 $\pm 2 \text{ Digit}$
Max. cable length	3 m

General specifications

Display	3-line with battery status display, Backlight, protected by shatterproof glass, Overhead display at the touch of a button
Power supply	2 x AA Alkaline batteries (included)
Power Consumption	<1 mA
Battery life	> 3000 h typ. Continuous operation
Automatic Switch-Off	Yes, configurable by the user
Ambient conditions	-20 to 50 °C; 0 to 95 % r.h. (non-condensing)
Storage temperature	-25...65 °C (without batteries)
Protection class	IP54
Dimensions	108 x 54 x 950 mm (H x W x D)
Weight	approx. 275 g (with battery)
Housing	Impact resistant ABS, Polyester (front panel)

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Scope of supply

- Handheld with probe
- Test protocol, optional calibration certificate
- 2x AA batteries
- Manual

Standard articles

ECO122	One-Hand Soil / Compost-Thermometer, Sensor connection: probe mounted to instruments bottomside, T-handlestyle, one hand insertion probe soil&compost, Version: With insertion probe, Ø8 mm, length 920 mm straight, machined tip	Art.Nr. 486772
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Accessories

Spare parts

GB-AA-2	Spare batteries 2x AA	Art.Nr. 479249
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Further available accessories can be found on the Senseca website.