Datasheet

Polaris C MaxiTemp
Product no. H03-25



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Intended use

Polaris C meters are portable instruments designed for fast and accurate spot measurements of environmental parameters in aquaculture, research and industrial use.
Polaris C MaxiTemp provides precise temperature measurement in Celsius or Fahrenheit. It is ideal for monitoring water temperature in fish farms, research setups or industrial systems, ensuring stable and optimal conditions for daily operation.

Technical specifications

Units of measure	Temperature: Celsius (°C), Fahrenheit (°F)
Display	Graphical LCD display with variable backlight
Types of probes	Resistive
Cable length	Standard 3 meters / 10 ft. By request, available at any length up to 100 m / 328 ft
Probe immersion depth	For use beyond 10 m (33 ft), a specially designed probe is required. Specify when ordering
Operating temperature	• Probe: -5 °C to +45 °C / +23 °F to +113 °F • Meter: -20 °C to +60 °C / -4 °F to +140 °F
Meter water resistance	IP67-rated, allowing short-term immersion up to 1 m / 3 ft
Response time	95% within approx. 30 seconds with a change of temperature of 10°C. 95% within approx. 40 seconds with a change of temperature of 40°C.
Measuring range	• Temperature: -5 °C to +45 °C / +23 °F to +113 °F
Measuring accuracy	• Temperature: ± 0.2 °C / °F
Data logging capacity	Min. 3000+ sets of data with a maximum of 140 tag references
Automatic check of	Probe, meter, cable and battery
Dimensions meter	Length = 98 mm / 3.86". Diameter = 36 mm / 1.42"
Dimensions probe	Length = 120 mm / 4.72". Diameter = 68 mm / 2.68"
Power	Single-cell Li-Ion battery pack with integrated battery protection circuitry. Nom. 3.7V, max. capacity 9Wh. UN38.3 certified
Battery life	Up to 450 days of typical use of 2 hr/day. Charge the battery before first use

Order information / part numbers

Replacement probe for Polaris C MaxiTemp	Item no: H03P-25
Replacement probe for Polaris C Atmosphere High Range	Item no: H03YRP-25

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