

Ellab Temperature Standard

ETS 10 with Straight Temperature Sensor

Key Features & Benefits

- ✓ Temperature Range -80 to +250 °C
- ✓ Industry leading accuracy of ± 0.015 °C
- ✓ Separated electronics from heat zone
- ✓ USB and LAN communication option
- ✓ In-built digital display for live readings
- ✓ Robust and versatile design
- ✓ Holder to effortlessly mount on walls or steel surfaces



Ellab Temperature Standard – ETS 10

The traceable ETS 10 allows for extremely accurate temperature measurements by converting resistance into temperature using its built-in algorithms.

When connected to the [ValSuite software](#), the LiquiCal bath or Dry Block and ETS provide a perfect automatic setup which – saving time and allowing for convenient calibrations.

The ETS has a built-in digital display to indicate the readings in real-time and can be powered through either USB or LAN (PoE) depending on user-preference.

Utilizing the numerous functions of the FDA 21 CFR, Part 11 compliant software, data is easily analyzed and distributed through various report options.

Interested in this product? [Contact sales today](#)

Technical Specifications

Model Version:	ETS 10
Housing Material;	Recyclable ABS Plastic
Housing IP Class:	41
Display Type:	High resolution 3-digit digital
Interface & Power Source:	USB or Power over Ethernet (PoE)
Temperature Range:	-80 to +250 °C
Accuracy – Including Instrument, PRT and Drift	
-50 to +150 °C:	±0.015 °C
Other temperatures:	±0.025 °C
Measuring Sample Rate:	1 Sec.
Digital Filter:	0-10 Sec.
Resistance:	100 Ω
Sensor Response Time	
T-63%:	33 Seconds
T-90%:	45 Seconds
Sensor Material:	Inconel™600
Dimension of Sensor:	ø 6.35 x 300 mm
Minimum Immersion Depth:	100 mm
Environmental:	5 – 50 °C / 0 – 90% RH, non-condensing
Calibration Traceability:	Teknologisk Institut, Denmark
Calibration Algorithms:	ITS-90
Recommended Calibration Interval:	12 months
Weight:	305 g