

E-Val™ Pro Plus

STC-ACS Type T Thermocouple

Key Features & Benefits

- ✓ Cold junction compensation
- ✓ Standard or pre-calibrated
- ✓ USB connector with calibration constants
- ✓ Temperature range of **-67 to +400 °C**
- ✓ Accuracy of **± 0.5 °C**



Ellab's Wired Thermocouple System

The E-Val™ Pro Plus wired thermocouple system is immensely easy to handle within controlled environments due to its compact size and light weight. The thermocouple system complies with FDA regulations as well and GAMP guidelines and is designed to be the ideal solution for any thermal validation process.

The E-Val Pro Plus is equipped with interchangeable sensor arrays, which can easily be removed for service and calibration. With 4 and 12-channel arrays available, the E-Val Pro Plus can handle all thermocouple types as well as analog and digital inputs.

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

Technical Specifications

Sensor:	STC-ACS Type T Thermocouple
Operating Temperature:	-67 to +400 °C
Measuring Principle:	Thermoelectric Effect
Accuracy:	± 2 °C / ± 0.5 °C if Calibrated
Response Time:	
T-63%:	0.9 Second
T-90%:	1.8 Seconds
Electrode Material:	Stainless Steel
Electrode Length:	20 mm
Electrode Dimension:	Ø 3.0 mm
Electrode End:	Round
Cable Material:	Fiber Glass with Stainless Steel outer shield
Cable Dimension:	1.5 x 2.0 mm