

E-Val™ Pro Plus

SSU-MM Type T Thermocouple

Key Features & Benefits

- ✓ Cold junction compensation
- ✓ Standard or pre-calibrated
- ✓ USB connector with calibration constants
- ✓ Temperature range of **-196 to +400 °C**
- ✓ Accuracy of $\pm 1\%$

Temperature
Measurements

Live Data

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:	SSU-MM Type T Thermocouple
Operating Temperature:	-196 to +400 °C
Measuring Principle:	Thermoelectric Effect
Accuracy:	1% of measuring range / Calibrated ± 0.5 °C
Response Time:	
T-63%:	0.2 Second
T-90%:	0.3 Second
Electrode & Cable Material:	Mineral Insulated, Metal sheathed
Electrode Ø:	1 mm
Electrode End:	Round
Electrode Length:	7 m (standard)
Cable Material:	Silicone
Cable Dimension:	Ø 4.0 mm
Cable Length:	1 m