

E-Val™ Pro

SD4 Type T Thermocouple

Key Features & Benefits

- ✓ Cold junction compensation
- ✓ Standard or pre-calibrated
- ✓ USB connector with calibration constants
- ✓ Temperature range of **-20 to +135 °C**
- ✓ Accuracy of **± 0.2 °C**

Temperature
Measurements

Live Data

Ellab's Wired Thermocouple System

The **E-Val™ Pro** 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 secure and password protected module can handle up to 40 **thermocouples** and the large internal memory is capable of holding up to 10 studies at a time. The wired thermocouple system has a built-in 8-hour battery and can be used as a stand-alone unit or be connected to a PC via LAN/USB.

The E-Val Pro 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 can handle all thermocouple types as well as analog and digital inputs.

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

Technical Specifications

Sensor:	SD4 Type T Thermocouple
Operating Temperature:	-20 to +135 °C
Measuring Principle:	Thermoelectric Effect
Accuracy:	< 0.2 °C / Calibrated ± 0.05 °C
Response Time:	
T-63%:	5 Seconds
T-90%:	10 Seconds
Electrode Material:	Stainless Steel
Electrode Ø:	3 mm
Electrode End:	Round
Cable Material:	Silicone
Cable Dimension:	Ø 8.0 mm - by probe with 4 measuring points