Validation Solutions

E-Val™ Pro
Sensor Interface

Key Features & Benefits

✓ Interchangeable sensor design that works with our full range of TrackSense Pro sensors

✓ Can cover temperature, pressure, vacuum, relative humidity, conductivity and CO_2 measurements

✓ USB connector with calibration offsets

Multiple Parameters

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

Interface	
Sensor:	TrackSense Pro Sensors
Measuring Range:	Defined by connected sensor type
Communication Protocol	RS485
Operating Temperature (ambient):	-40 to +125 °C
Operating Pressure:	0.001 mBar to 10 Bar
Material:	Stainless Steel 316L
Vacuum, CO2 and Relative Humidity (EtO) Senor Requirements:	Connection via 4-Channel Sensor Array
Temperature, Pressure, Relative Humidity, Relative Humidity (EtO/Stability) and Conductivity Sensor Requirements:	Connection via 4 or 12-Channel Sensor Array
ValSuite:	ValSuite 5.1 or later
Adaptors:	1/2" or 3/4" thread adaptors
Calibration:	Stored in interface until the sensor is changed
Sample Rate:	1 second to 24 hours
E-Val Pro Main Firmware Requirements:	4.4.0.3 or later
Array Firmware Requirements:	1.12 or later
Cable	
Operating Temperature:	-40 to +70 °C
Length:	5 m
Diameter:	4 mm
Material:	PVC
Plug Type:	USB