Product NEWS

Validation & Monitoring Solutions

Next Generation of the Ellab Temperature Standard

Type Designation	Ordering Code
ETS10	20000195
ETS20	20000196
ETS25	20000197
ETS25-A182	20000198
ETS25-A213	20000199

A new generation of the Ellab Temperature Standard is now available. This covers versions ETS10, ETS20 and ETS25. These new ETS reference instruments, offer the same outstanding temperature specifications as the previous models, but now also include an integrated easy-to-read 3 decimal point blue digital display that can be flipped. In addition to the USB connection, a new LAN/Ethernet option will become available with ValSuite 6.3, making the installation and operation much more flexible.

The instruments offer Power over Ethernet (PoE), so no separate power supply is required, and the Internal E-prom based backup memory can store up to 120.000 samples to eliminate possible glitches during data acquisition.

The ETS Inconel™ 600 sensor is available in both straight and angled variants, with improved design for better performance and utilization.

All new ETS models come with a wallmount holder with screw holes and integrated magnets, allowing for easy positioning on wall or steel surfaces.

The next generation of ETS incorporates a reuseable ABS plastic cabinet with an overmold, soft plastic grip. The ETS body has outer dimensions of 118 x 80 x 34 mm and a front overlay with integrated sightglass for easy monitoring of temperature. Everything is directly connected to the reference probe by a 210 cm flexible cable.

Delivery of the new ETS models include suitcase for maximum protection during storage and transportation.

Main Advantages:

✓ New LAN/Ethernet and Power over Ethernet (PoE) - Requires ValSuite 6.3 or later

✓ USB connection

✓ 3 decimal blue color digital display that can be flipped
✓ Internal backup memory / E-prom for 120.000 samples to avoid possible data glitches during sampling

✓ Straight and angled Inconel™ 600 sensor versions with improved design for harsh environments

✓ Delivery includes holder for wall mounting as well as protective suitcase for storage and transportation

✓ Easy to cleaning using Isopropanol, 6% H2O2, 70 % Ethanol or a similar product

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The table below shows a full overview of the available model versions.

ETS 2G Type	Temperature Range	Accuracy	Maximum Immersion Depth	Total Height	Calibration Profile
ETS10	-80 to +250 °C	+/- 0.015 °C	300 mm	410 mm	0, -80, -50, -25, +90, +150,+250, 0
ETS20	-50 to +150 °C	+/- 0.020 °C	300 mm	410 mm	0, -50, -25, +90, +150, 0
ETS25	-196 to +420 °C	+/- 0.025 °C	300 mm	410 mm	0, -196, -50, +150, +420, 0

ETS 2G Type Angled	Temperature Range	Accuracy	Immersion Depth	Total Height	Calibration Profile
ETS25-A182	-45 to +150 °C	+/- 0.025 °C	160 mm	183 mm	0, -45, -25, +90, +150, 0
ETS25-A213	-95 to +150 °C	+/- 0.025 °C	190 mm	214 mm	0, -95, -50,-25, +90, +150, 0