

ETS (Ellab Temperature Standard)				
Technical Specification		ETS10	ETS20	ETS25
Housing Material:		Recyclable ABS Plastic	Recyclable ABS Plastic	Recyclable ABS Plastic
Housing IP Class:		41	41	41
Display:		High resolution 3-digit digital display	High resolution 3-digit digital display	High resolution 3-digit digital display
Interface & Power Source:		USB or Power over Ethernet (PoE)	USB or Power over Ethernet (PoE)	USB or Power over Ethernet (PoE)
Temperature Range:		-80 to +250 °C	-50 to +150 °C	-196 to +420 °C
Accuracy - Including Instrument, PRT and Drift:				
-50 to +150 °C:		±0.015 °C	±0.020 °C	±0.025 °C
Other temperatures:		±0.025 °C	NA	±0.025 °C
Measuring Sample Rate:		1 Sec.	1 Sec.	1 Sec.
Digital Filter:		0-10 Sec.	0-10 Sec.	0-10 Sec.
Resistance:		100 Ω	100 Ω	100 Ω
Sensor Response Time:				
T-63%:		33 Seconds	33 Seconds	33 Seconds
T-90%:		45 Seconds	45 Seconds	45 Seconds
Sensor Material:		Inconel™ 600	Inconel™ 600	Inconel™ 600
Dimension of Sensor:		ø 6.35 x 300 mm	ø 6.35 x 300 mm	ø 6.35 x 300 mm
Minimum Immersion Depth:		100 mm	100 mm	100 mm
Environmental:		5 - 50 °C / 0 - 90% RH, non-condensing	5 - 50 °C / 0 - 90% RH, non-condensing	5 - 50 °C / 0 - 90% RH, non-condensing
Calibration:		Traceable to Teknologisk Institut, Denmark	Traceable to Teknologisk Institut, Denmark	Traceable to Teknologisk Institut, Denmark
Calibration Algoritms:		ITS-90	ITS-90	ITS-90
Recommended Calibration Interval:		12 months	12 months	12 months
Weight:		305 g	305 g	305 g

ETS (Ellab Temperature Standard)

Technical Specification	ETS25 - A182	ETS25 - A213
Housing Material:	Recyclable ABS Plastic	Recyclable ABS Plastic
Housing IP Class:	41	41
Display:	High resolution 3-digit digital display	High resolution 3-digit digital display
Interface & Power Source:	USB or Power over Ethernet (PoE)	USB or Power over Ethernet (PoE)
Temperature Range:	-45 to +150 °C	-95 to +150 °C
Accuracy - Including Instrument, PRT and Drift:	±0.025 °C (-45 to +150 °C:)	±0.025 °C (-95 to +150 °C)
Measuring Sample Rate:	1 Sec.	1 Sec.
Digital Filter:	0-10 Sec.	0-10 Sec.
Resistance:	100 Ω	100 Ω
Sensor Response Time:		
T-63%:	33 Seconds	33 Seconds
T-90%:	45 Seconds	45 Seconds
Sensor Material:	Inconel™ 600	Inconel™ 600
Sensor Diamter:	ø 6.35 mm	ø 6.35 mm
Immersion Depth (vertical length before bend):	160 mm	190.5 mm
Total Length (including bend):	182.3 mm	213.4 mm
Environmental:	5 - 50 °C / 0 - 90% RH, non-condensing	5 - 50 °C / 0 - 90% RH, non-condensing
Calibration:	Traceable to Teknologisk Institut, Denmark	Traceable to Teknologisk Institut, Denmark
Calibration Algoritms:	ITS-90	ITS-90
Recommended Calibration Interval:	12 months	12 months
Weight:	305 g	305 g

