Product Specifications

High Temp Stainless Steel Data Logger with External Probe

Probe Measurement Range	-328°F to 500°F (-200°C to 260°C) Body of logger cannot exceed 284°F (140°C)
Logger Operating Range	-40°F to 284°F (-40°C to 140°C), 0 to 100% R.H 0.002 to 100 PSIA
Sensor	100Ω Platinum RTD
Temperature Resolution	0.02°F /0.01°C
Accuracy	±0.18°F (±0.1°C) from 68°F to 284°F (20°C to 140°C) ±0.54°F (±0.3°C) from -4°F to 67.98°F (-20°C to 19.99°C) ±0.72°F (±0.4°C) from -40°F to -4.02°F (-40°C to -20.01°C)
Reading Interval	1 reading every 1 second to 1 every 24 hours, user programmable
Data Capacity	65,536 points
Calibration	NIST traceable
Battery	3.6V high-temperature lithium battery, 1 year typical life (1 min reading rate at 77°F/25°C), user replaceable
Body Dimensions	1.9in H x 0.97in dia. (48mm H x 24.6 mm dia)
Probe Dimensions	5.25in L x 0.125in dia (0.188in transitional diameter) (133mm x 3.2mm dia (4.8mm transitional diameter)
Weight	4.2 oz (120 grams)
Material	316 Stainless steel
Certification	CE mark
Waterproof Level	IP68
System Requirements	Windows XP SP3 or later
Programming and Download Requirements	Delta Manager Software Package with USB interface device and cables
Use Thermal Shield Model 20632 (sold separately), when logger is placed in environments from -328°F to -40°F and from 284°F to 482°F (-200°C to -40°C and 140°C to 250°C). If outside these ranges, contact Technical Support.	
BATTERY WARNING: FIRE, EXPLOSION AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, CRUSH, PENETRATE OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 302ºF (150ºC)	

Model 20633

- Rigid external probe, fast response time
- Highly accurate over wide measurement range
- N.I.S.T. traceable calibration
- Rugged, submersible, for use in harsh environments
- Non-volatile solid state memory for maximum data security
- User replaceable battery
- Easy to program and download

DeltaTrak manufactures products under an ISO 9001:2015 registered quality management system

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