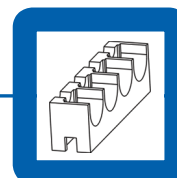
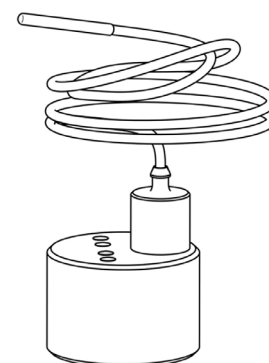
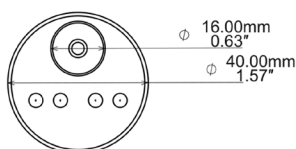
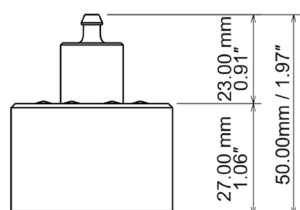


# Standard Data Logger GMP F THIN

Temperature Data Logger with Flexible Sensor  
-90°C to +140°C



- + Collects and stores temperature information in the internal memory
- + Recover the data through the docking station using XpertLog Software
- + ITS-90 calibration coefficients are stored in the internal memory
- + Complies with FDA 21 CFR Part 11
- + Network ready: multiple users, centralized, server database, active directory authentication



Sensor type	4 wires PT-100
- flexible	430 mm (17" )
- customized	up to 5000 mm (195")
- Sensor size	1.6 x 1.2 mm (0.06 x 0.047")
- cross section	0.48 mm <sup>2</sup> (0.0007 inch <sup>2</sup> )
Operating Range	
- body	-90°C to +140°C
- Sensor	-200°C to +200°C
Accuracy	±0.1°C from -90°C to 140°C
Resolution	0.01°C
Memory capacity	32,000 data points
Memory type	non volatile
Sampling rate	1 sec to 24 hours
Internal clock drift	4 sec / 24 h @ 23°C

Mechanical	
- material	Peek 1000 - FDA compliant
- enclosure	IP-68
- weight	44 g (1.55 oz)
- diameter	40.0 mm (1.57")
- height	50.0 mm (1.97")

Power	1 x Lithium batteries, 0.35 g/each Lithium content classified UN3091 under IATA DGR section 3.9.2.6 compliant with ICAO/IATA packing instructions 970, user replaceable
Battery lifetime	Up to 12 months, based on usage

Docking station	USB to computer 4, 8, 12 and 20 ports available
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Calibrations	Programs and reads unlimited number of loggers Factory Calibrations: traceable NIST/COFRAC - ITS-90 coefficients stored in the internal memory
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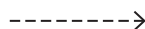
Certification	User Calibrations: closed loop calibration using XpertLog® software Health Safety: EN 60950-1 / 2006 EMC: EN 60601-1-2 / 2007
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## Order Reference

GMP-F-THIN  
GMP-F-THIN-1m

## Standard Calibration Points

- -80°C
- 0°C
- 140°C



XpertLog  
software

