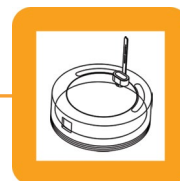


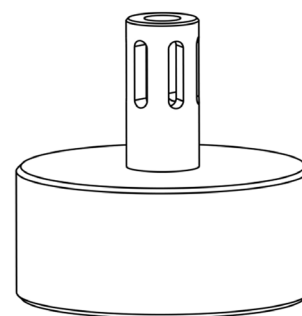
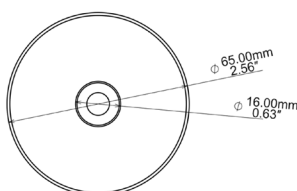
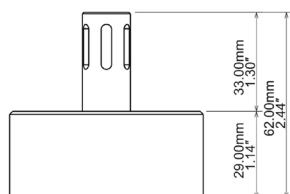
GMP RH RF



Real Time Humidity Data Logger 0 to 100% RH non condensing



- + Collects and transmits real time humidity and temperature to 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
- + Can be remotely activated



Sensor type	RH: capacitive / Temp: 4 wires PT-100
- rigid	20 mm (0.8")
- sensor size	1.5 x 8 mm (0.06 x 0.315")
- cross section	1.77 mm ² (0.0027 inch ²)
Operating Range	0 to 100% RH non condensing
- body	-40°C to +100°C
- sensor	-40°C to +100°C
Accuracy	±2.0% RH, 0% to 100% non condensing at 20°C to 45°C
Resolution	±0.1°C from -40 to +100°C
Memory capacity	0.01% RH; 0.01°C
Memory type	16,000 data points humidity / 16,000 data points temperature
Sampling rate	non volatile
Transmission	1 sec to 24 hours
Internal clock drift	simultaneous: maximum 20 loggers
Mechanical	sequential: unlimited
- material	4 sec / 24 h @ 23°C
- enclosure	Peek 1000 - FDA compliant
- weight	IP-51
- diameter	95 g (3.35 oz)
- height	65 mm (2.56")
Power	62 mm (2.44")
Battery lifetime	2 x Lithium batteries, 0.35 g/each Lithium content
Antenna	classified UN3091 under IATA DGR section 3.9.2.6
Wireless range	compliant with ICAO/IATA packing instructions 970, user replaceable
Radio frequency	Up to 6 months, based on usage
Access point	Internal
Calibrations	121 m (400 feet)
Certification	2.4 Ghz ISM band
	USB to computer
	Programs and reads unlimited number of loggers
	Factory Calibrations: traceable NIST/COFRAC - ITS-90 coefficients stored in the internal memory
	User Calibrations: close loop calibration using XpertLog® software
	Health Safety: EN 60950-1 / 2006
	EMC: EN 60601-1-2 / 2007
	RF: EN 300440-2 v1.3.1 (2009-03)

Order Reference
GMP-RH_RF

Standard Calibration Points

- 25° C/20%RH
- 25° C/45%RH
- 30° C/65%RH
- 40° C/75%RH

Upon special request:

- 45° C/90%RH

