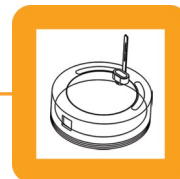


GMPPF RF 30H

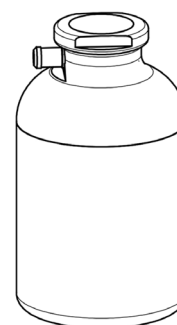
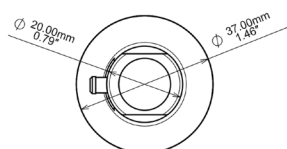
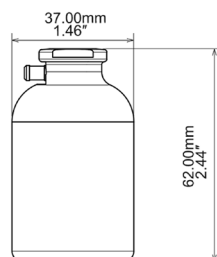


Real Time Temperature Data Logger

-90 °C to +140 °C



- + Collects and transmits real time 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
- + Calibration can be performed on site
- + Can be remotely activated



Sensor type	4 wires / 4 wires thin
- flexible	4 wires: 480 mm (19") / 4 wires thin: 150 mm (6") or custom length
- sensor size	4 wires: 1.5 x 8 mm (0.06 x 0.315")
	4 wires thin: 1.2 x 2.8 mm (0.05 x 0.11")
- cross section	4 wires: 1.77 mm ² (0.0027 inch ²)
	4 wires thin: 1.13 mm ² (0.00175 inch ²)
Operating Range	-90 °C to +140 °C
- body	4 wires: -200°C to +200°C
- sensor	4 wires thin: -90°C to +140°C
Accuracy	4 wires: ±0.1°C from -90 to +140°C
	4 wires thin: ±0.1°C from -90 to +140°C
Resolution	0.01°C
Memory capacity	32,000 data points
Memory type	non volatile
Sampling rate	1 sec to 24 hours
Transmission	simultaneous: maximum 20 loggers
	sequential: unlimited
Internal clock drift	4 sec / 24 h @ 23°C
Mechanical	
- material	Peek 1000 - FDA compliant
- enclosure	IP-68
- weight	50 g (1.76 oz)
- diameter	37 mm (1.46")
- height	62.81 mm (2.47")
Power	2 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 6 months, based on usage
Antenna	Internal
Wireless range	121 m (400 feet)
Radio frequency	2.4 Ghz ISM band
Access point	USB to computer

Calibrations Programs and reads unlimited number of loggers
Factory Calibrations: traceable NIST/COFRAC - ITS-90 coefficients stored in the internal memory

Certification 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)



XpertLog
software

Order Reference

GMPPF_RF_30H
GMPPF_RF_30H_THIN

Standard Calibration Points

- -80°C
- 0°C
- 140°C

