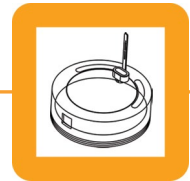


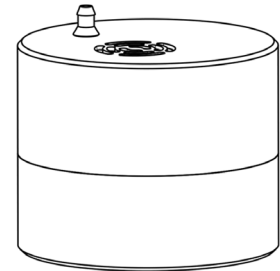
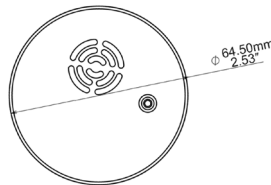
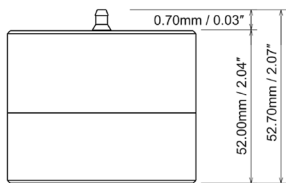
# GMP RF TC02 F



## Real Time Wireless Temperature and CO2 Data Logger with Flexible Sensor

0% to 20% CO2  
0°C to 50°C

- + Collects and transmits real time CO2 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	CO2 - IR / Temp: 4 wires PT-100
- flexible	430 mm (17")
- customized	up to 5000 mm (195")
- sensor size	1.5 x 8 mm (0.06 x 0.315")
- cross section	1.77 mm <sup>2</sup> (0.0027 inch <sup>2</sup> )
Operating Range	
- body	0% to 20% CO2
	0°C to 50°C
	300 mBar to 1100 mBar (built-in pressure compensation)
- Sensor Accuracy	-200°C to +200°C
	±0.1°C from -90°C to +140°C
	±0.5% CO2 from 0% to 10% CO2
Resolution	0.01% CO2 / 0.01°C
Memory capacity	16,000 data points CO2 / 16,000 data points temperature
Memory type	non volatile
Sampling rate	2 min 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-30
- weight	153 g (5.39 oz)
- diameter	64.5 mm (2.53")
- height	52 mm (2.04")
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
	Up to 6 months, based on usage
Battery lifetime	
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
	User Calibrations: closed loop calibration using XpertLog® software
Certification	Health Safety: EN 60950-1 / 2006
	EMC: EN 60601-1-2 / 2007
	RF: EN 300440-2 v1.3.1 (2009-03)

### Order Reference

GMP-RF-TC02-F

### Fixed Gas Points

- 2%
- 5%
- 7.5%
- 10%

### Standard Calibration Points

- 0°C
- 23°C
- 50°C



XpertLog  
software

