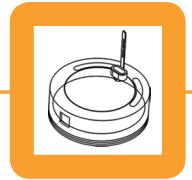
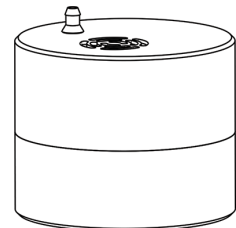
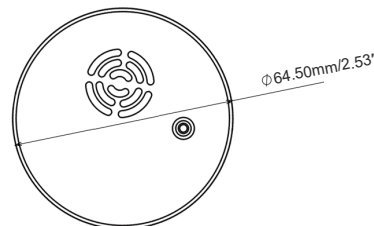
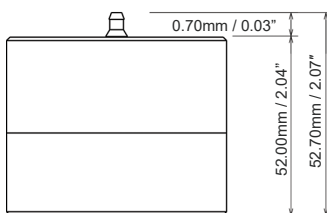


GMPF CO₂ RF



Real Time CO₂ Data Logger 0-20% CO₂

- + 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	CO ₂ - IR / Temp: 4 wires PT-100
- flexible	480 mm (19")
- customized	Up to 5000 mm (195")
- temp. sensor size	1.5 x 8 mm (0.06 x 0.315")
- temp. cross section	1.77 mm ² (0.0027 inch ²)
Operating Range	
- CO ₂	0 to 20% CO ₂
- body temp.	0°C to 50°C
- sensor temp.	-200°C to +200°C
- pressure	300 to 1100 mBar (built-in pressure compensation)
Accuracy	
- temperature	±0.1°C from -90°C to +140°C
- CO ₂	±0.5% CO ₂ from 0 to 10%CO ₂
Resolution	0.01% CO ₂ ; 0.01°C
Memory capacity	16,000 data points CO ₂ / 16,000 data points temperature
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 content classified UN3091 under IATA DGR section 3.9.2.6 compliant with ICAO/IATA packing instruction 970 user replaceable Up to 6 months, based on usage
Battery lifetime	
Antenna	Internal
Wireless range	121 m (400')
Radio frequency	2.4 GHz ISM band
Access point	USB to computer Programs and reads unlimited number of loggers
Calibrations	Factory: Traceable NIST / COFRAC - ITS-90 coefficients reside in the internal memory User: Closed loop user calibration, using XpertLog® Software
Certification	EMC: EN 60601-1-2 / 2007 RF: EN 300440-2 v1.3.1 (2009-03) Health & Safety: EN 60950-1/2006

Order Reference:

GMPF-CO2_RF

Fixed Gas Points

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

Standard Calibration Points

- 0°C
- 23°C
- 50°C

