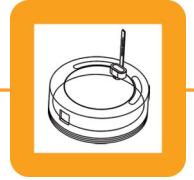


GMP RF F 2R22V



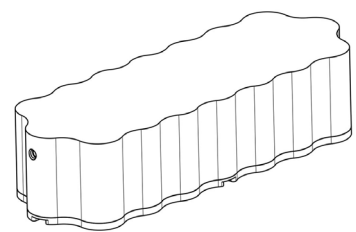
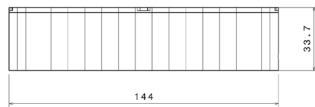
Real Time Wireless Temperature Data Logger with Flexible Sensor

short term range: -120°C for 30 mins

operating range: -90°C to +85°C



Real Time Data Logger packaged into the size of 22 x 2 ml vials for use in ULT freezer and Lyo product temperature mapping.



Sensor type	4 wires thin
- flexible	430 mm (17") or custom length
- customized	up to 5000 mm (195")
- Sensor size	1.2 x 1.6 mm (0.05 x 0.06")
- cross section	0.48 mm ² (0.0007 inch ²)
Operating Range	short term range: -120°C for 30 mins
- body	operating range: -90°C to +85°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
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	173 g (6.10 oz)
- size:	L: 100 mm (3.94")
	I: 64mm (2.52")
- height	33 mm (1.30")
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

Order Reference
GMP-RF-F-2R22V

Standard Calibration Points

- -196°C
- -80°C
- 0°C
- 85°C

Lives International®

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)

