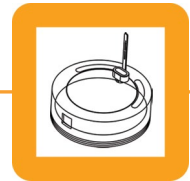


# GMP RF F 2R22V

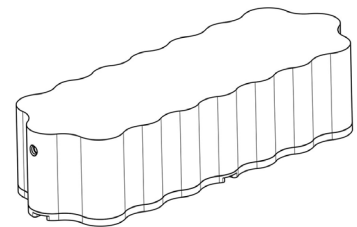
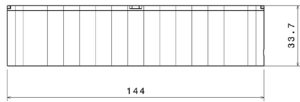
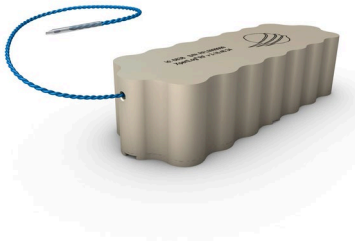


## Real Time Wireless Temperature Data Logger with Flexible Sensor

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

- flexible
- customized
- Sensor size
- cross section

### Operating Range

- body

### - Sensor

### Accuracy

### Resolution

### Memory capacity

### Memory type

### Sampling rate

### Transmission

### Internal clock drift

### Mechanical

- material
- enclosure
- weight
- size:

### - height

### Power

### Battery lifetime

### Antenna

### Wireless range

### Radio frequency

### Access point

### Calibrations

### Certification

### 4 wires thin

430 mm (17") or custom length

up to 5000 mm (195")

1.2 x 1.6 mm (0.05 x 0.06")

0.48 mm<sup>2</sup> (0.0007 inch<sup>2</sup>)

short term range: -120°C for 30 mins

operating range: -90°C to +85°C

-200°C to +200°C

±0.1°C from -90°C to +140°C

0.01°C

32,000 data points

non volatile

1 sec to 24 hours

simultaneous:

maximum 20 loggers

sequential:

unlimited

4 sec / 24 h @ 23°C

Peek 1000 - FDA compliant

IP-68

173 g (6.10 oz)

L: 100 mm (3.94")

I: 64mm (2.52")

33 mm (1.30")

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

Internal

121 m (400 feet)

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: closed 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

GMP-RF-F-2R22V

### Standard Calibration Points

- -196°C
- -80°C
- 0°C
- 85°C

