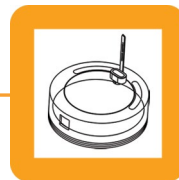
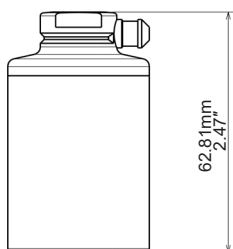


# GMPPF RF 30R

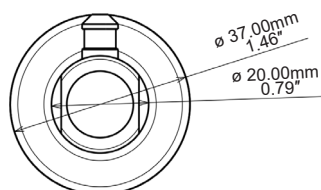
Real Time Temperature Data Logger -90 to +140°C



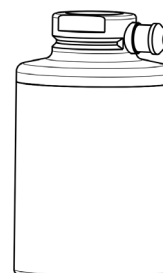
- + Collects and transmits real time temperature to XpertLog Software
- + ITS-90 calibration coefficients are stored in the internal memory
- + Complies with FDA 21 CFR Part 11
- + Network ready: multiple users, centralized, server database, active directory authentication
- + Calibration can be performed on site
- + Can be remotely activated



62.8mm  
2.47"



ø 37.00mm  
1.46"  
ø 20.00mm  
0.79"



## Sensor type

- flexible
- sensor size

## - cross section

## Operating Range

- body temp.
- sensor temp.

## Accuracy

- 4 wires
- 4 wires thin

## Resolution

## Memory capacity

## Sampling rate

## Transmission

## Internal clock Drift

## Mechanical

- material
- enclosure
- weight
- diameter
- height

## Power

## Battery lifetime

## Antenna

## Wireless range

## Radio frequency

## Access point

## Calibrations

## Certification

## 4 wires / 4 wires thin

4 wires: 480 mm (19") / 4 wires thin: 150 mm (6") or custom length

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")

4 wires: 1.77 mm<sup>2</sup> (0.0027 inch<sup>2</sup>)

4 wires thin: 1.13 mm<sup>2</sup> (0.00175 inch<sup>2</sup>)

-90°C to +140°C

4 wires: -200°C to +200°C

4 wires thin: -90°C to +140°C

±0.1°C from -90 to +140°C

±0.1°C from -90 to +140°C

0.01°C

32,000 data points

1 sec to 24 hours

Simultaneous: maximum 20 loggers

Sequential: unlimited

4 sec / 24 h @ + 23 °C

Peek 1000 - FDA compliant

IP-68

50 g (1.76 oz)

37 mm (1.46")

62.81 mm (2.47")

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 instruction 970 user replaceable

Up to 6 months, based on usage

Internal

121 m (400')

2.4 GHz ISM band

USB to computer

Programs and reads unlimited number of loggers

Factory: Traceable NIST / COFRAC - ITS-90 coefficients reside in the internal memory

User: Closed loop user calibration, using XpertLog® Software

EMC: EN 60601-1-2 / 2007

RF: EN 300440-2 v1.3.1 (2009-03)

Health & Safety: EN 60950-1/2006

## Order Reference:

GMPPF\_RF\_30R\_4W

GMPPF\_RF\_30R\_4W\_THIN

## Standard Calibration Points

- -80°C
- 0°C
- 140°C



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