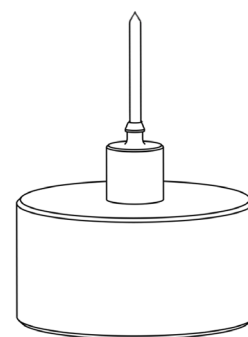
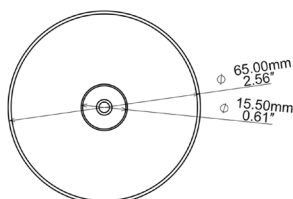
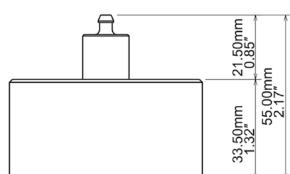


Real Time Temperature Data Logger -90 °C to +140 °C

- + 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
- + Can be remotely activated



| | |
|----------------------|---|
| Sensor type | 4 wires PT-100 |
| - rigid | 20 mm (0.8") / 150 mm (6") available |
| - customized | |
| - sensor size | 1.5 x 8 mm (0.06 x 0.315") |
| - cross section | 1.77 mm ² (0.0027 inch ²) |
| Operating Range | |
| - body | -90 °C to +140 °C |
| - sensor | -200 °C to +200 °C |
| Accuracy | ±0.1°C from -90 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 | 115 g (4.06 oz) |
| - diameter | 65 mm (2.56") |
| - height | 55 mm (2.17") |
| 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 |
| Calibrations | Programs and reads unlimited number of loggers Factory Calibrations: traceable NIST/COFRAC - ITS-90 coefficients stored in the internal memory User Calibrations: close 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

Standard Calibration Points

- -80°C
- 0°C
- 140°C

