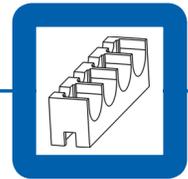


Standard Data Logger GMP TH

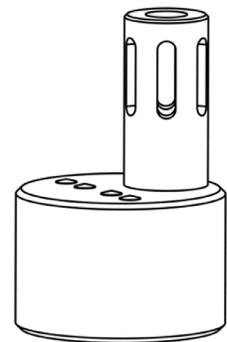
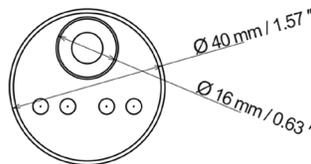
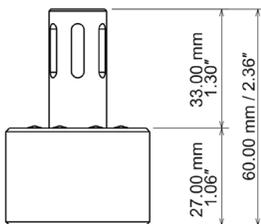


Temperature and Humidity Data Logger with Rigid Sensor

0% to 100% RH
-40°C to +100°C



- + Collects and stores humidity and temperature information in the internal memory
- + Recover the data through the docking station using 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



| | |
|----------------------|---|
| Sensor type | Hum: capacitive / Temp: 4 wires PT-100 |
| - rigid | 20 mm (0.8") |
| - 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 | 0% to 100% RH |
| | -40°C to +100°C |
| - Sensor | -40°C to +100°C |
| Accuracy | ±2.0% RH, 0% to 75% non condensing at 20°C to 45°C |
| | ±3.0% RH, 75% to 100% non condensing at 20°C to 45°C |
| | ±0.1°C from -40°C to +100°C |
| Resolution | 0.01% RH; 0.01°C |
| Memory capacity | 16,000 data points humidity / 16,000 data points temperature |
| Memory type | non volatile |
| Sampling rate | 1 sec to 24 hours |
| Internal clock drift | 4 sec / 24 h @ 23°C |
| Mechanical | |
| - material | Peek 1000 - FDA compliant |
| - enclosure | IP-51 |
| - weight | 43 g (1.52 oz) |
| - diameter | 40.0 mm (1.57") |
| - height | 60.0 mm (2.36") |
| Power | 1 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 12 months, based on usage |
| Docking station | USB to computer |
| | 4, 8, 12 and 20 ports available |
| 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 |

Order Reference
GMP-TH

Standard Calibration Points

- 25°C / 20% RH
- 25°C / 45% RH
- 30°C / 65% RH
- 40°C / 75% RH

Upon special request:

- 45°C / 90% RH

