

GOOD DISTRIBUTION PRACTICES SYSTEMS
for the Pharmaceutical / Biotechnology Industry

Data Logger -40°C to +85°C

XpertLog® GDP



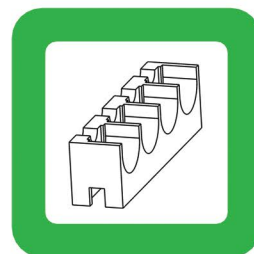
Docking station



Temperature



Humidity



XpertLog® GDP
Covers all the applications between -40°C to +85°C
Offers the best accuracy in its class: ±0.1°C
User friendly
Data integrity: FDA 21 CFR Part 11 compliant

- + Network ready: multiple users may simultaneously share the same database
- + Loggers calibration on users site

Suitable applications:
Refrigerators
Cold rooms
Warehouses

Technical Specifications:

Logger type	Temperature	Humidity & Temperature
Sensor element	4 wires PT-100	4 wires PT-100 capacitive
- flexible	- PTFE 480 mm (19")	- 20 mm (0.8")
- rigid	- 20 mm (0.8") / 150 mm (6")	- PTFE 480 mm (19")
- customized		
Operating range	- 40°C to + 85°C	15% to 95% RH / - 40°C to + 85°C
Accuracy	± 0.1°C	± 2.0% RH @ + 23°C (15 - 60% RH)
		± 3.0% RH @ + 23°C (60 - 95% RH)
		± 0.1°C
Memory capacity	32,000 data points	16,000 rh / 16,000 temp
Sampling rate	1 sec to 24 hours	1 sec to 24 hours
Internal clock drift	4 sec / 24 hours @ +23°C	4 sec / 24 hours @ +23°C
Mechanical		
Material	FDA compliant	FDA compliant
Enclosure	IP67	IP67
Weight	41 g (1.45 oz)	43 g (1.52 oz)
Diameter	40 mm (1.57")	40 mm (1.57")
Height	34 mm (1.34")	55 mm (2.17")
Power	1 Lithium battery, 0.35 g Lithium content classified UN3091 under IATA DGR section 3.9.2.6 compliant with ICAO/IATA packing instructions 970	
Battery lifetime	Up to 6 months: based on usage	
Docking station	USB connection: 4, 8, 12 and 20 ports available programs and reads unlimited number of loggers	
Calibrations	Factory: traceable NIST / COFRAC - ITS-90 coefficients stored in the internal memory User: close loop calibration using XpertLog® software	