

TrackSense® LyoPro Wireless Data Logger

Data Logger for Freeze Drying

Key Features & Benefits

- ✓ One data logger for all vial sizes
- ✓ Fits effortlessly into freeze drying processes and conveyor belts
- ✓ Eliminates data gaps with large internal memory and battery operation
- ✓ Replaceable thermocouple wire
- ✓ Consistent and repeatable measurements
- ✓ Temperature range of **-62 to +62 °C**
- ✓ Industry leading accuracy of **± 0.3 °C**

Temperature
Measurements

TrackSense® LyoPro Data Logger

The LyoPro is a specially designed data logger for complete batch control and validation of the freeze drying processes. The tiny data logger fits perfectly within any lyophilization setup, as the various LoggerNests allow the device to match the size of any vial.

LyoPro comes fitted with an 0.55 x 0.95 mm thermocouple sensor that ensures next to no impact on the sample during measurements, thereby providing highly valid data.

Data integrity is at its finest with TrackSense LyoPro. The internal data logger memory constantly stores every sample, allowing the [ValSuite software](#) to provide a complete picture of the process, without you ever having to worry about gaps in data.

Read more about [TrackSense LyoPro](#).

Interested in this product? [Contact sales today](#)

Technical Specifications

LyoPro Data Logger*	
Temperature Measuring Range:	-62 to +62 °C
Calibrated Temperature Range:	-60 to +60 °C
Sensor Element Type:	Thermocouple type T
Temperature Accuracy:	± 0.3 °C
Sensor Dimensions:	0.55 x 0.95 x 300 mm
Ambient Temperature Range:	-65 to + 140 °C
Ambient Pressure Range:	0.001 mbar to 4 Bar ABS
Housing Material:	PEEK
Diameter:	18 mm (each compartment)
Height:	32 mm
Weight:	28 Grams
Memory Capacity:	100.000 samples
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	24 Hours
Time Accuracy:	+/- 5 Seconds Per 24 Hours
Battery Type:	TSL-150
Expected Battery Lifetime at a -60 °C/30 sec. sample rate:	2.400 hours / 2.000 hours with LIVE data**

* Requires ValSuite® 6.0.16.0 or later

** Requires ValSuite® 6.2.1.0 or later