Nano SPY Reference

Non contractual photo

The most accurate T° sensor in the Nano SPY range to meet your demanding measurement needs and provide metrological services (calibration and mapping).

Presentation

A reference device designed to perform calibrations of connected loggers in the Nano SPY range, the Nano SPY Reference recorder measures and records temperature with high precision and has a 3m cryogenic probe.

Its metrological specificities allow it to be perfectly adapted to the monitoring of equipment with very limited temperature ranges.

Technical features

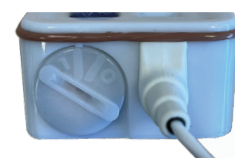|	
Interface	Status LED and On/Off touch button
Measurement range	-50℃ to +200℃
Accuracy	+/-0.15℃ between -40℃ and +80℃. The rest of the range can be specified by COFRAC calibration with a minimum of 5 points, coupled with modeling.
Communication frequency	2,4 GHz (802.15.4)
Memory	10 000 data points
Sensor	External Class A PT 100 - stainless steel Ø2,9x25mm 3m cable lenght
Operating conditions	-20℃ to +50℃
Resolution	0.01
Measuring and transmission period	1 mn
Internal memory recording period	Adjustable from 1 mn to 24 hrs
Response time σ_{63}	~ 30s
Protection	IP65
Case	Polycarbonate – Food contact
Power supply	Lithium 3,6v battery - Replaceable
Battery life	6 years
Dimensions and weight	63 x 42 x 25 mm / ~ 60 g
Fixation	Fixing eyelets and integrated magnets
Supplied with	Brown identification ring User manual can be download on www.jri-corp.com
Compliance	CE, ROHS, FCC, ETS 300-328
Standard calibration points	-30℃ / 0℃ / +30℃ / +60℃

Atouts

- Excellent measurement quality

- Operation and alarm LEDs

- Magnet or eyelet mouting
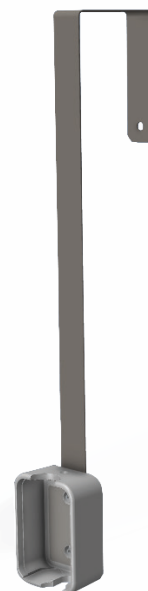

- Autonomous thanks to tool-free battery replacement

PART NRS
12521 E : Nano SPY Reference
12521 X : Nano SPY Reference without battery

FT 12521 EN B

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Accessoires

Protective shell (inclueded by default)
Part nr. 12715

The protective shell is used to protect all Nano SPY mini-data loggers from shocks.
It is supplied with a double-sided adhesive to be glued to all surfaces and an anti-theft screw for the Nano SPY.
It can also be screwed (screws no supplied).

Caliper for protective shell
Part nr. 12716

The caliper is designed for the fixing of a protective shell of Nano SPY on cabinets with horizontal opening to facilitate cleaning operations.
The protective shell of Nano SPY can be directly glued to the bottom of the bracket and/or fixed with screws (provided).

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