

Beyond
the measure

Green Digital Sensor Standard (-196°C à +180°C)

FT 14229

This probe is designed as a professional reference standard intended for daily handling in the laboratory when performing calibration operations.

Its design is based on the same measurement chain as that used for our COFRAC laboratory working standards, ensuring very low drift and excellent long-term stability.



Non contractual photo

Presentation

This professional reference probe is intended for use with JRI 24/96-channel calibration benches and has been designed to deliver reliability, long service life, and high metrological performance during repeated calibration operations.

The probe is fitted with a spring-reinforced cable connection, strengthening the cable/probe junction while providing the flexibility required for repeated handling. The cable also features a reinforced and insulated sheath, ensuring durability and robustness in professional environments.

Technical specifications

GREEN DIGITAL SENSOR STANDARD (-196°C +180°C)	
Sensor type	PT100
Sensitive element dimensions	Ø3×100mm
Sensor protection	IP 68
Connector	detachable - IP 40
Cable type	PFA cable - Ø3mm - 3m
Measurement range	from -196°C to +180°C
Measurement accuracy (after modelling)	+/-0,5°C between -196°C and -80°C +/-0,2°C between -80°C and -40°C +/-0,1°C between -40°C and +80°C +/-0,2°C between +80°C and +120°C +/-0,5°C between +120°C and +180°C
Resolution	0,01°C
Device calibration	Not calibrated during production; supplied with a COFRAC calibration certificate, immersion in 5 points (-40/0/20/40/80°C) with modelling (Ref. 14355)
Compatibility	MySirius from version 5.0 3 m and 12 m extension cable for Green Digital Sensor T°C with overmoulded IP40 M/F connectors (Ref. 13870 & 13871)

Advantages

- **Suitable for daily handling**
- **Sensitive element length optimised**
Allowing optimal integration into our calibration baths
- **Reinforced and insulated cable sheath**
Ensuring robustness and long-term durability in professional environments
- **Low drift**
Same probe technology as the COFRAC working standards used in the laboratory

Probe connection



Calibration benches (Ref. 14124 & 14031)



Calib'Bath Connect (Ref. 13681)

Non contractual document

JRI, Société par actions simplifiée au capital de 4 000 000 €
Pôle logistique / 2 Rue de la Voivre / PA Technoland / BP 21 / 25490 FESCHES LE CHÂTEL / France
SIRET 380 332 858 00030 - Tél : +33 (0)3 81 30 68 04 / Fax : +33 (0)3 81 30 60 99 / sales@group-mms.com
Siège Social : 16 rue Louis Rameau / CS 90050 / 95872 BEZONS Cedex / France / APE 2651B / TVA FR 02 380 332 858

www.jri-mms.com

원문: JRI Green Digital Sensor Standard Green Digital Sensor Standard · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.