Kaye IRTD-400

High Accurate Traceable Temperature Standard

The Kaye IRTD is a high accuracy traceable temperature reference standard used with Kaye Validation systems while calibrating sensors.

The broad temperature range from -196°C to 420°C, with an accuracy of +/- 0,025°C, enables it to be used in virtually all temperature validation applications and high-end calibration labs.

The IRTD is an integral part of Kaye's automated sensor calibration system and communicates directly with all Kaye Validation systems. With the Kaye Interface Box and IRTD console software, it can also be used as a stand-alone high-end temperature reference system.

Features & Benefits

- Temperature Range -196°C to 420°C

- Accuarcy +/- 0,025°C / Resolution 0.001°C

- NVLAB / DAkkS calibration certificate

IRTD Calibration Interface

Easy connections between the IRTD and Console/PC

The Kaye Calibration Interface enables easy connection via USB between the Console/PC and up to 2 IRTD's. No extra power required.

Features & Benefits

- Replaces the IRTD black box Interface

- No power supply needed

- STD USB driver – no Driver CD required

- Powered by USB Port of PC or Console

- Internal 5 to 12V Converter with Power LED

- Allows and powers up to 2 IRTDs

- Accepts IRTD cable of Validator 2000 and Validator AVS

IRTD-Console Software
Easy and flexible software for temperature control

The IRTD Console software can be used to communicate with up to 2 IRTD's at the same time. It's a convenient interface enabling you to track Probe stability, numerically and graphically, log data to file, compare IRTD's and much more.

The Software flexibility permits use with both standard PC's, as well as on touch screens.

Features & Benefits

- State-of-the Art look and feel
- Designed for Win8.1 and Win10
- Accepts up to 2 IRTDs
- Communicates via USB ports
- Easy to use touch screen
- Graph per IRTD
- Variable log-rate

Kaye IRTD-400 Specifications

Temperature Range	-196°C to 420°C
Accuracy over Range	0.025°C
Resolution	0.001°C
Sensor Element	Precision Platinium RTD Sensor
Sheath Material	Inconel
Environmental	Ambient Temperature Range: 0 to 60°C (32 to 140°F) Humidity 0 to 95% non condensing
Dimensions	Overall length 600 mm (23.75") Grip: 89mm x 32 mm (3.5" x 1.25") Sensor sheath: 455 mm x 6.35 mm (18" x 0.25")

Warranty and disclaimer:

The information mentioned on documents are based on our current tests, knowledge and experience. Because of the effect of possible influences in an application of the product, they do not exempt the user from their own tests, checks and trials. A guarantee of certain properties or a guarantee for the proper suitability of the product for a specific, especially permanent application cannot be derived from our data. Liability is therefore excluded to that extent permitted by law. Any proprietary rights of third parties as well as existing laws and regulations must be observed by the recipient of the product on his own responsibility.

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