

Kaye Insulating Canister

FOR VALPROBE® RT

OVERVIEW

ValProbe RT data loggers use batteries rated for high temperature, but even the best batteries can only withstand heat up to 140°C. So we created a canister to allow your ValProbe RT to safely work in high temp situations like depyrogenation tunnels and dry heat ovens.

The insulating canister uses a vacuum sealed insulation, extending the range of the bendable style ValProbes to be used safely at temperatures up to 360°C.

Proprietary insulating material provides a compact, low profile design, making the insulating canister suitable for the most demanding thermal validation applications. For use with Kaye ValProbe RT single and dual bendable temperature loggers.

APPLICATIONS

- Depyrogenation tunnels
- Dry Head Ovens
- Temperature Chambers

FEATURES

- Proprietary insulating material greatly extends ValProbe RT operating range
- Low profile design for use in space-restrictive applications (45 mm dia. X 149 mm long)
- Robust 316 SS stainless steel construction



Insulating Canister Specifications

PERFORMANCE

Temperature	Accuracy	Max exposure including cool down time
360°C	± 0.25°C	40 min
300°C	± 0.25°C	60 min
250°C	± 0.25°C	90 min
200°C	± 0.25°C	120 min
170°C	± 0.25°C	180 min

DIMENSIONS

Part Number	Diameter	Diameter
X2545	45 mm (1.75 in)	149 mm (5.87 in)



Kaye representative contact:

Request a demo:

EUROPE, MIDDLE EAST, AFRICA AND ASIA
 Amphenol Advanced Sensors Germany GmbH
 Sinsheimer Strasse 6
 D-75179 Pforzheim
T: +49 (0) 7231-14 335 0
F: +49 (0) 7231-14335 29
Email: kaye@amphenol-sensors.com

USA/AMERICAS
 Amphenol Thermometrics, Inc.
 967 Windfall Road
 St. Marys, PA 15857
T: +1(814) 834-9140
F: +1(814) 781-7969
Email: kaye-us@amphenol-sensors.com

INDIA
 Amphenol Interconnect India Pvt Ltd.
 Plot no. 6, Survey No.64 | Software Units layout
 MAHAVEER TECHNO PARK
 Hitech City, Madhapur | Hyderabad,
 Telangana – 500081 | **T:** +91 40 33147100
Email: kaye-india@amphenol-sensors.com

CHINA
 Amphenol (Changzhou) Connector
 Systems Co., Ltd, Building 10,
 Jintong Industrial Park, No. 8 Xihu Road,
 Wujin High-Tech Development Zone,
 Changzhou, Jiangsu 213164
T: 0086-519-83055197



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 can not 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.

© 2022 Amphenol Corporation. All Rights Reserved. Specifications are subject to change without notice. Other company names and product names used in this document are the registered trademarks or trademarks of their respective owners.

AAS-DSK-17001-B