instruVU®
Visibility and Compliance with Confidence.

Low Temperature Probe

The InstruVU Low Temperature probe is a specialized probe designed for extreme environments, specifically engineered to measure temperatures as low as -196°C up to 150°C.

It utilizes a high-quality Heraeus PT100 sensor element housed in a 45 x 30mm insertion probe.

With its IP68 waterproof rating and 2-meter cable, it is an ideal solution for critical cold-chain applications such as cryogenic storage or the transport of medical vaccines.

FEATURES

- Extreme Measurement Range: Capable of precise monitoring from -196°C to 150°C.
- High-Precision Sensor: Features a high-quality Heraeus Class A PT100 element for accurate and stable readings.
- Robust Construction: Designed with an IP68 protection class, ensuring it can withstand demanding industrial environments.
- User-Friendly Installation: Comes with a 2-meter connection cable designed for simple insertion-type installation.
- Broad Compatibility: Works seamlessly with InstruVU temperature transmitters.

SPECIFICATIONS

Measurement Range:	-196 °C to 150 °C
Sensor Type:	PT100
Accuracy Class:	Class A
Probe Dimensions:	φ5 x 30mm
Cable Length:	2 Meters
Protection Rating:	IP68 (Waterproof and Dustproof)
Installation Type:	Insertion
Weight:	Approximately 47g
Calibration Type (Snap/Swap)[1]:	Snap

[1] Snap = replace only the probe with a pre-calibrated probe; the data logger remains installed and no cloud/device configuration changes are required.
Swap = replace the probe and data logger together, typically requiring reassignment or configuration updates in the cloud.

APPLICATIONS

Food Safety

Cold Chain

Laboratory