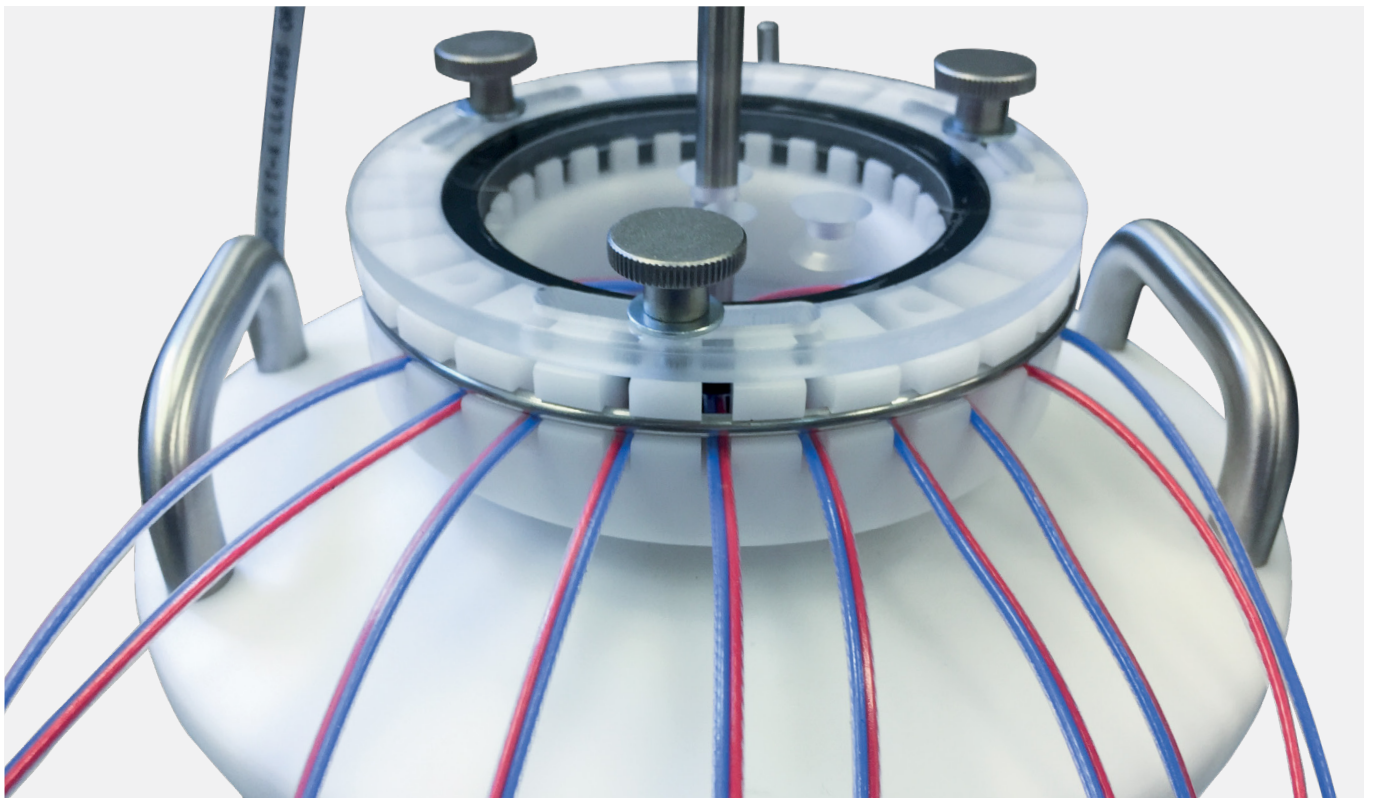


# Liquid Nitrogen Comparator

PERFECT DEVICE FOR EASY TEMPERATURE  
CALIBRATIONS AT -196 C



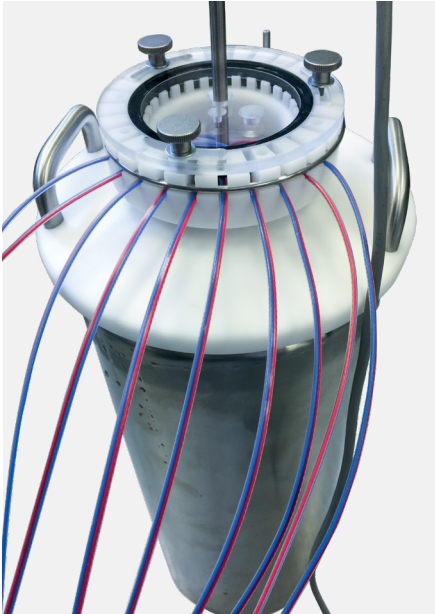
The Kaye Liquid Nitrogen (LN2) Comparator is a device specifically designed to address the calibration needs for extreme cold temperatures. With the ability to calibrate up to 48 Sensors at a time it addresses capacity and flexibility needs for thermal calibration at cryogenic temperatures.

It makes the calibration process much more reliable and secure compared to other methods used in the industry. It is often used in combination with other Kaye baths like the LTR-90 so multiple calibration points and verification points can be performed at cold temperatures.

Using a Kaye IRTD and a Kaye Validator the process is semi-automated to make it easier for the user and a calibration or verification report can be automatically generated at the end of the process. The LN2 Comparator provides the ability to run a comparison calibration at the temperature around -196 C. It can be used to calibrate thermocouples and other temperature probes against the Kaye IRTD. The comparator is designed to be easy to use. The simple design requires no electrical power for operation. It simply uses liquid nitrogen to run calibrations at -196 C, the boiling point of nitrogen.

## FEATURES

- Stainless steel Dewar for safe operation and longevity
- Perfectly designed to support semi-automated thermocouple calibration in combination with Kaye Validators
- Thermocouple holder makes for easy management of up to 48 thermocouples
- Easy to use fill port allows for addition of liquid nitrogen as needed
- IRTD holds securely in the center of the calibration block
- Overall design of LN2 Comparator guarantees low evaporation rate and long-lasting stable calibration points for many hours
- Foam lid included to reduce LN2 evaporation between calibrations
- All components are delivered in a rugged case with wheels for easy transportation and safe storage



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### Request a demo:

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