GE
Sensing & Inspection Technologies

NEW ! Temperature Range: -85°C to +140°C

Kaye ValProbe®
Cryo Temperature Logger

The new Cryo Logger provides an extended temperature range from -85°C to +140°C and provides a single solution for a variety of applications, such as cryogenic chambers, Lyophilizers, ultralow freezers and other ultra low temperature applications. It is a single solution that provides significant cost savings and productivity gains.

RTD Technology delivers unrivalled measurement accuracy. The new logger design improves the battery life by three times over the existing design and is fully compatible with existing multi channel and single readers operating seamlessly with the ValProbe 1.5 software.

The new Cryo Logger is designed for easy on-site user verification between studies with the traditional IRTD and low temp CTR-80 Bath. Using the standard Kaye Report Wizard Validation, engineers are guaranteed consistent reports among all Kaye instruments with the capability to merge study data with a Validator® 2000 or the new RF ValProbe®. The Cryo Logger and Report Wizard offers added value when performing validation execution saving time and money. ValProbe satisfies FDA Regulation 21 CFR Part 11 requirements for electronic signatures and records and complies with DIN ISO 17665 for saturated steam sterilization.

Features

- Temperature range for complete logger: -85°C to 140°C
- Battery Life Performance - 3x better than current loggers in the market

Applications

- Cryogenic Vessels
- Freeze Dryer
- Freezers
- Incubators
- Warehouses
- Sterilizers

Trade-In Special !

Receive a new Cryo Logger in exchange for any Kaye or equivalent data logger

Ask for details !

GE imagination at work

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Data Loggers Specifications

Sensing Element	Precision Platinum RTD	
Measurement Range and Accuracy	0°C to 140°C, -85°C to 0°C,	±0.1°C ±0.25°C
Environmental Temperature Humidity Pressure	 -85°C to 140°C 0% to 100% humidity, condensing 0 to 10 bar absolute (0 to 130 psia)	
Logger Material	316L stainless steel	
Logger Base Dimensions	1 13/16 in x 1 3/8 in diameter (46 mm x 35 mm)	
Battery	Field-replaceable 3.6 V lithium thionyl chloride 1600 hours at 1 sec at 20°C / 180 hours at 1 sec at -85°C	
Sampling Rate	1 second to 12 hours	
Data Storage	10,000 samples retained in non-volatile EEPROM memory	
Calibration	Factory calibrated (NVLAP accredited) with user calibration capability	
Real Time Clock Accuracy	15 seconds per 24 hours (0.0174%)	
Regulatory Compliance	UL and CE	
Specific Probe Length	1 1/2inch (38mm); 3inch (76mm) rigid	