

## ISOTECH MILLIK

Isotech MilliK Precision Thermometer is a high-precision temperature measuring instrument manufactured by Isotech, a company specializing in temperature calibration equipment.

The MilliK Precision Thermometer is designed for accurate temperature measurements in various industries, including metrology, research, and manufacturing.

### Key Features of Isotech MilliK Precision Thermometer:

- 1. High Measurement Accuracy:** The MilliK Precision Thermometer offers exceptional measurement accuracy, typically within a few millikelvins. It is designed to provide reliable and precise temperature measurements, making it suitable for applications that require high measurement accuracy and stability.
- 2. Platinum Resistance Thermometer (PRT) Technology:** The instrument utilizes platinum resistance thermometer (PRT) sensors for temperature measurement. PRT sensors are known for their high accuracy, stability, and repeatability, ensuring reliable temperature readings.
- 3. Wide Temperature Range:** The MilliK Precision Thermometer is capable of measuring temperatures over a wide range, typically from  $-200^{\circ}\text{C}$  to  $962^{\circ}\text{C}$  ( $-328^{\circ}\text{F}$  to  $1763.6^{\circ}\text{F}$ ). This broad temperature range makes it suitable for various applications across different industries.
- 4. Multi-Channel Capability:** Some models of the MilliK Precision Thermometer offer multi-channel capabilities, allowing simultaneous temperature measurements from multiple sensors. This feature is beneficial when monitoring and comparing temperatures at different points or in various devices or environments.
- 5. Graphical User Interface (GUI):** The instrument often comes equipped with a user-friendly graphical user interface (GUI) that provides intuitive control and display functionalities. The GUI allows users to easily configure settings, monitor real-time temperature readings, and access additional features or data analysis options.
- 6. Data Logging and Analysis:** Many models of the MilliK Precision Thermometer provide data logging capabilities, allowing users to record temperature measurements over time. This feature is useful for monitoring temperature trends, performing analysis, and generating reports.

**7. Calibration Capabilities:** Isotech MilliK Precision Thermometer can be used for calibration purposes, particularly for verifying and calibrating other temperature sensors or instruments. Its high accuracy and stability make it suitable for calibrating PRTs, thermocouples, and other temperature measurement devices.

**8. Portability and Connectivity:** The instrument is often compact and portable, allowing for on-site temperature measurements. It may include features such as USB or Ethernet connectivity, enabling data transfer to a computer or remote monitoring.

Isotech MilliK Precision Thermometer is known for its high accuracy, stability, and reliability in temperature measurement applications. It is widely used in calibration laboratories, research institutions, and industries where precise temperature control and measurement are critical

