

GRAPHTEC GL 7000

The Graphtec data logger is a versatile and reliable device used for data acquisition and recording in various industries and applications. It is designed to measure and log data from multiple sensors and inputs simultaneously, allowing users to monitor and analyse various parameters in real-time.

Key Features of Graphtec Data Logger:

- 1. Multi-Channel Input:** The Graphtec data logger supports multiple channels, enabling the simultaneous recording of data from different sensors or sources. This feature allows for comprehensive monitoring and analysis of various parameters in a single device.
- 2. High-Speed Sampling:** Graphtec data loggers offer high-speed sampling rates, allowing for accurate and detailed data capture, especially in dynamic or rapidly changing environments. This feature is particularly useful in applications such as process monitoring, test and measurement, and research studies.
- 3. Wide Range of Input Types:** The data logger is compatible with a wide range of input types, including analogue voltage, thermocouples, RTDs (Resistance Temperature Detectors), humidity sensors, strain gauges, and more. This versatility enables users to connect and record data from different types of sensors and measurement devices.
- 4. Large Data Storage Capacity:** Graphtec data loggers typically feature generous internal memory or support external storage options such as SD cards or USB drives. This allows for extended data logging sessions without the need for frequent data offloading, ensuring uninterrupted data acquisition.
- 5. User-Friendly Interface:** The data logger is equipped with a user-friendly interface, often including a built-in display or touchscreen, making it easy to configure settings, view real-time measurements, and navigate through data logs directly on the device. Some models also offer remote access and control options via computer or mobile devices.
- 6. Software Compatibility:** Graphtec provides dedicated software for data logger configuration, data analysis, and report generation. These software tools allow users to visualize and analyse recorded data, perform calculations, create custom reports, and export data in various formats for further analysis or integration with other software platforms.

7. Robust and Portable Design: Graphtec data loggers are designed to withstand harsh environments and offer portability for on-site or mobile data acquisition. They often feature rugged construction, secure mounting options, and long battery life, ensuring reliable operation in various applications and locations.

8. Integration and Connectivity: Graphtec data loggers can be integrated into larger systems or networks, offering seamless data exchange with other devices or software platforms. They support communication protocols such as USB, Ethernet, and wireless options like Wi-Fi or Bluetooth, enabling convenient data transfer and remote monitoring capabilities.

