GE Industrial
Sensing

Applications

Compatible with the entire line of high-accuracy temperature, humidity and pressure loggers, the Single Reader is ideal for a wide range of process validation applications including:

- Hospital sterilizers
- EtO sterilizers
- Warehouses
- Stability chambers
- Dephyrogenation tunnels

Features

- ValProbe system capacity up to 100 loggers/ 200 sensors
- Compact design for field or desktop operation 2.5 x 2.6 x 5 in (65 x 68 x 126 mm)
- Powered from computer connections–no external power required
- USB or RS232 network connection (Windows® 2000 or Windows XP required for USB connectivity)
- LED indicator confirms data communication
- CE, UL certified
- ValProbe system software satisfies international regulatory requirements including FDA 21 CFR part 11, EN285, EN554

Kaye ValProbe®
Single Reader

Kaye ValProbe is a GE Kaye product. GE Kaye has joined other GE high-technology sensing businesses under a new name– GE Industrial, Sensing.

GE Industrial
Sensing

Kaye ValProbe is a wire-free process validation and monitoring system designed around the measurement and reporting requirements of the most intensely regulated industries. ValProbe simplifies access to hostile, remote and hard-to-reach environments by eliminating hard-wire sensors, greatly reducing study setup time and associated costs.

The Single Reader serves as the interface between individual loggers and the powerful ValProbe system software. Along with the system software, the Singe Reader facilitates pre-study programming and data download upon study completion. Its compact design makes it well suited for field use or desktop applications requiring a limited number of measurement points (the system software can support up to 200 sensors from 100 loggers).

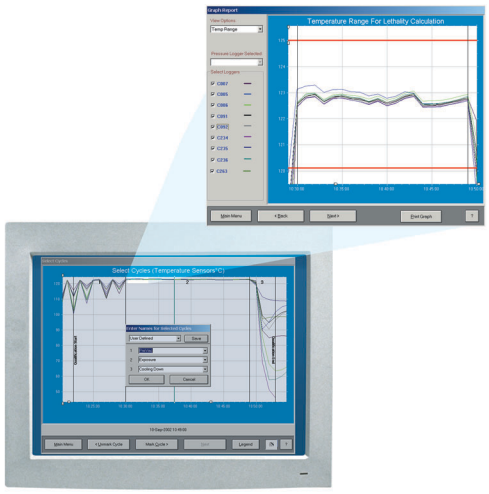
Kaye ValProbe System Overview

The ValProbe system is designed to provide easy access to process and validation study data. Loggers are programmed via the straightforward interface of the ValProbe system software.

The intuitive system software walks the operator through the steps required to program desired test parameters. Study start and stop criteria, conditions being measured (temperature, pressure, humidity), preferred units of measurement, and lethality calculations are programmed through a series of simple pull-down selections from the main menu. The software allows the operator to add comments and define loggers using labels and detailed descriptions, which are later captured in the post-study reports. A battery life indicator flags the operator if battery power has fallen below a pre-determined level. A detailed setup report presents study parameters and comments.

Upon study completion the individual loggers are re-inserted into the Single Reader for data download. Once all loggers are read, study reports are generated from secure data files that can only be read by the system software. Detailed qualification reports include temperature data, statistical and lethality calculations. A summary report presents study parameters, events and calculated results in a clean, easy to read format.

ValProbe is supported with documentation that verifies a fully validated system, including software, hardware and firmware. The Validation Reference provides a comprehensive overview of the GE Quality Policy, description of ISO 9001 implementation and support procedures and standards for system development, testing and maintenance. The installation qualification/operational qualification protocol defines a set of procedures to ensure that the ValProbe system is properly installed, qualified and operated according to cGMP requirements.



A powerful graphing utility within the system software greatly simplifies process analysis and reporting. Sliding vertical axes allow the operator to flag and define process transition points, eliminating unnecessary reporting and streamlining the review process.

ValProbe loggers are available in a variety of standard configurations for measuring temperature, pressure and humidity. Refer to individual datasheets for detailed physical and performance specifications.

CE

920-133A

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