PRESSURE

TEMPERATURE

HUMIDITY

ENHANCE THE PERFORMANCE AND PRODUCTIVITY
OF YOUR ORGANISATION WITH
WIRELESS DATA LOGGERS
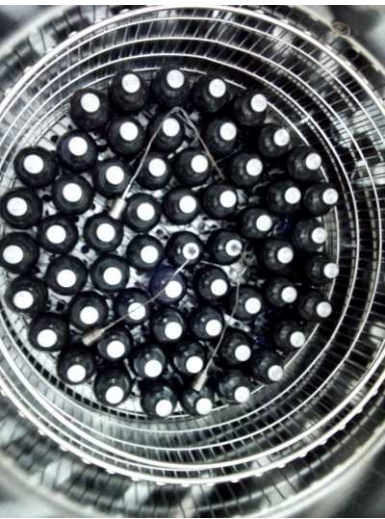
THE PRODUCT

Wireless data loggers assist you in process monitoring by providing highly accurate and reliable data collection for continuous batch processes. They are being used in various industries to a great effect ranging from pharmaceutical, biotech, healthcare, food processing and industrial applications. Salesworth Synergies is happy to bring to you wireless data acquisition system from Mesa Labs, USA as it helps you to monitor and maintain higher standards in any environment.

SALESWORTH SYNERGIES

Salesworth Synergies is an agency house based in Bangalore that represents internationally reputed companies primarily in the pharmaceutical industry with their presence across the entire Indian sub continent..

Salesworth Synergies has been offering solutions in sterility assurance for more than two decades with a wide array of biological and chemical indicators. They have also been giving technical support in cycle development and performance qualification of sterilizers with expertise in handling Fo based sterilization cycles. Their value-based services include writing protocols for autoclave validation and review of all validation results from regulatory perspective. Playing the role of a catalyst, the group has made a major contribution to the pharmaceutical industry at large.

MESA LABS

Mesa Labs Inc. is a U.S. based company headquartered in Colorado that manufactures life sciences tools as well as critical quality control products with an emphasis on technological innovation to improve quality of life for patients and consumers worldwide.

With over 300 employees and facilities across the U.S. and Europe, the company maintains a global footprint to serve a broad set of industries that require dependable quality control and calibration solutions. Mesa has helped companies protect vulnerable environments while ensuring the safety and efficacy of the products we consume every day.

Wireless Data Logger makes it easy to monitor processes across a spectrum of temperatures in industries and situations as

- Pharmaceuticals
- Food and beverages
- Medical
- Sterilizer validation
- Thermal processing
- Process equipment
- Sterilization
- Product handling
- Storage
- Textile manufacturing

Biological Indicator & Temperature
Data Tracer placed inside vial

These tools are particularly useful in handling diverse situations like continuous temperature monitoring, time-stamping temperature fluctuations, reliable storage of data and easy data accessibility for the operators.

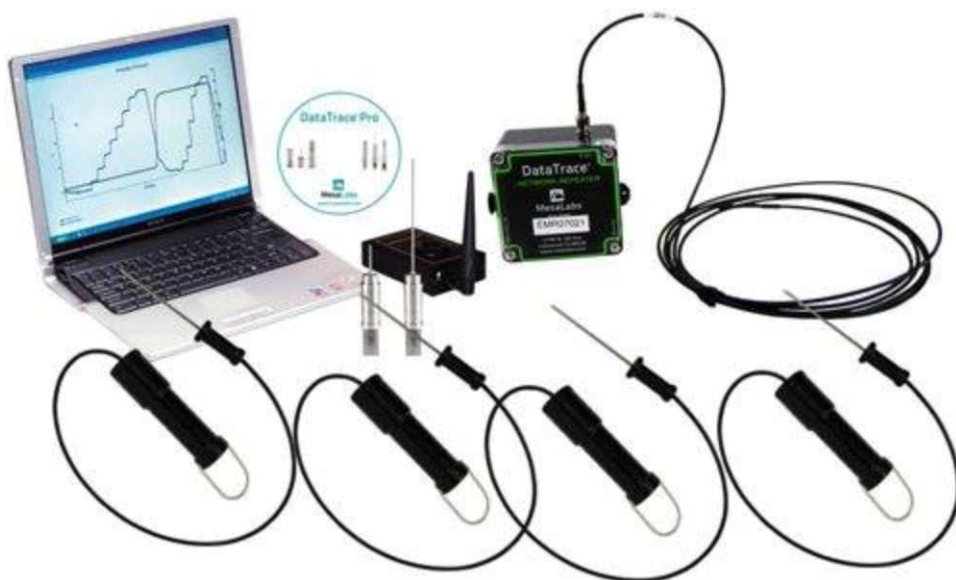**WHY DO YOU NEED DATA LOGGERS?**

Wireless data loggers are hardware tools designed to provide information and insight on key factors such as temperature, pressure and humidity that are accompanied by powerful regulatory compliant software for better insights into your critical data to maintain compliance, capture unique insights and customize your reports.

WHY WIRELESS TECHNOLOGY IS TRENDING?

Wireless data loggers are a reliable, accurate, time-efficient monitoring solution for any measuring opportunity. Some of the key advantages of data logging include high accuracy, ease of use and greater versatility in every application. They offer regulatory compliance and process control through compliant software and hence often sought by industries like pharmaceuticals, food processing in the regulated market.

WHERE DO YOU APPLY DATA LOGGERS?

The data tracers are applied in the area of thermal mapping and continuous monitoring for a wide range of equipment like autoclave, lyophilizer and retorts. For ethylene oxide process where RH is critical, the humidity data tracers help gauge the acceptable values during the process. The pressure sensor variant adds value by helping to correlate absolute pressure and chamber temperature in certain critical applications.

We will help you acquire the right data logger to suit your applications while catering to the most demanding requirements. Our complete line of data loggers and softwares ensures you the flexibility to create a customized continuous monitoring solution that works for your unique application and also meets or exceeds regulatory and compliance requirements.

Rather than mounting externally like most sensors, our wireless data Loggers easily fits inside a variety of packages, like an ethylene oxide ER pack during sterilization, to maximize accuracy and process validation.

Even synchronize multiple Loggers (in any combination of Logger types) to the same program. For temperature, humidity and pressure tracking, this is the system you need..

Micropack III Temperature Data Logger
The Micropack III Temperature Data Logger's small size, under 1", makes it easy to position your data Logger very near or even inside monitored items. With no need for cords and wires, it allows even wider access and greater precision to monitor tight spaces. Used for a range of applications from EtO pasteurization to sterilization to depyrogenation. Made of stainless steel and powered by field-replaceable lithium battery.

Micropack III Humidity Data Logger
The MPIII Relative Humidity Data Logger provides accurate data to help you optimize food, pharma and other manufacturing processes. The closer the sensor is to the product, the more valuable the collected data. And since it is wireless and operates at low voltage, it is intrinsically safe for hazardous environments. The highly accurate logger monitors RH across the full range, from 0% - 100% at temperatures from 0°C (32°F) - 85°C (185°F).

Micropack III Pressure Data Logger
The MPIII Pressure Data Logger provides highly accurate, NIST traceable data to help you optimize food, pharmaceutical and other manufacturing processes. The ultra-small Logger has a body measuring just 1.9 inches long and fit inside containers to get pressure readings. With their wide range and high precision, it is suited for an array of applications where pressure affects products and quality.

Interfaces/Antennas
MPRF Interface – All DataTrace data loggers require a DataTrace interface in order to program loggers and to receive data. The interfaces connect to a PC with a USB.

POWERFUL REPORTING CAPABILITIES OF THE SOFTWARE

The robust reporting capabilities of the DT Pro software provide scientific reports with graphs and calculations such as lethality, pre- and post-calibration verification of loggers before and at the end of the process as well as the placement view of the loggers. Customised reports, password protected access, electronic signatures and automatic documentation for audit trails streamline your work. You can even synchronize multiple loggers (in any combination of logger types) to the same clock, something that is not done by other systems.
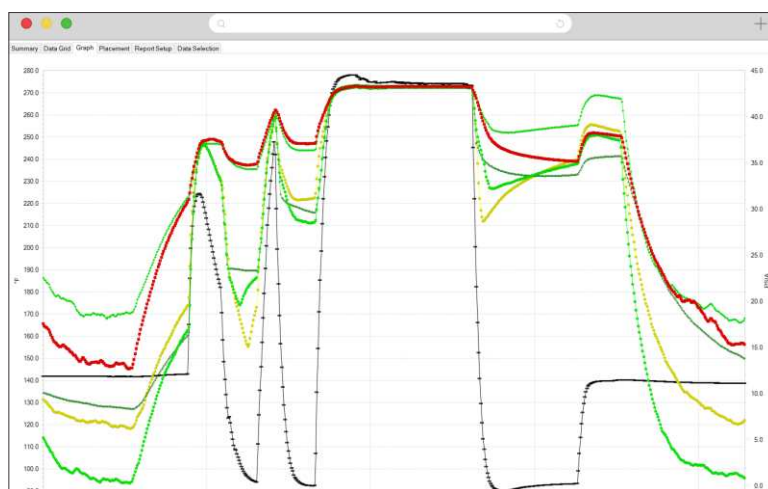
MEETING REGULATORY COMPLIANCE

It is imperative to know what regulations you need to meet and also whether your software is compliant. The 21CFR Part 11 is critical for pharmaceutical communities with regulatory compliance needs under the FDA that required to show they are, on a regular basis, meeting all the essentials. The DT Pro software is 21CFR Part 11 has the ability to maintain regulatory compliance while processing and handling data.
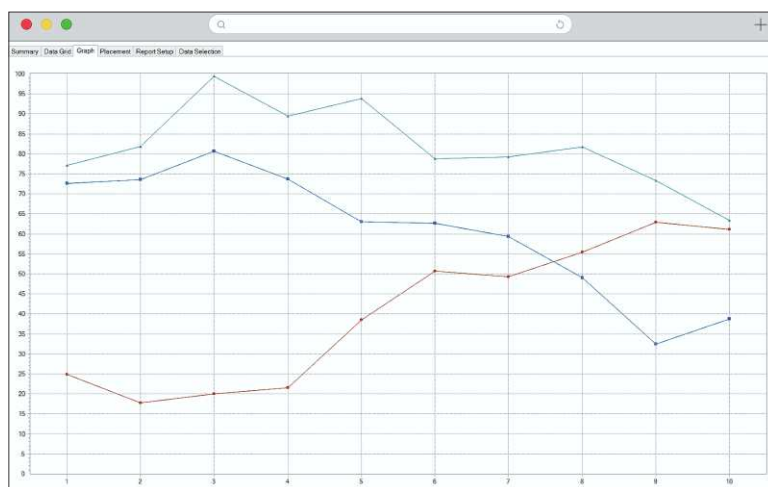
DATA LOGGER VARIANTS

The Micropack III Temperature Data Loggers are broadly classified based on their applications as well as dimensions that best suits a process. We offer a wide range of variants to match your requirement and output.

PROBE TYPE	PROBE TIPS	SENSOR ELEMENTS	EXTENDED RANGE
• Rigid • Bendable • Flexible silicone • Flexible stainless steel	• Needle • Taper for silicone probes • Round for bendable probes	• Thermistor • RTD	• MPIII HiTemp • MPIII HiTemp EXT

SUPPORT

Our team at Salesworth Synergies will guide potential users through comprehensive presentation and discussion as well as offer the right solution in wireless data monitoring. Being an exclusive distributor to Mesa Labs, USA, we have direct access to their expertise and recommendations for value-added support and a seamless supply chain management.

Going wireless? Please call or write to:

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