



 **THERMOWAY**

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Industrial Temperature Measurements

# Company Profile

**Thermocouples · RTD · Thermometers**

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**ISO 9001**

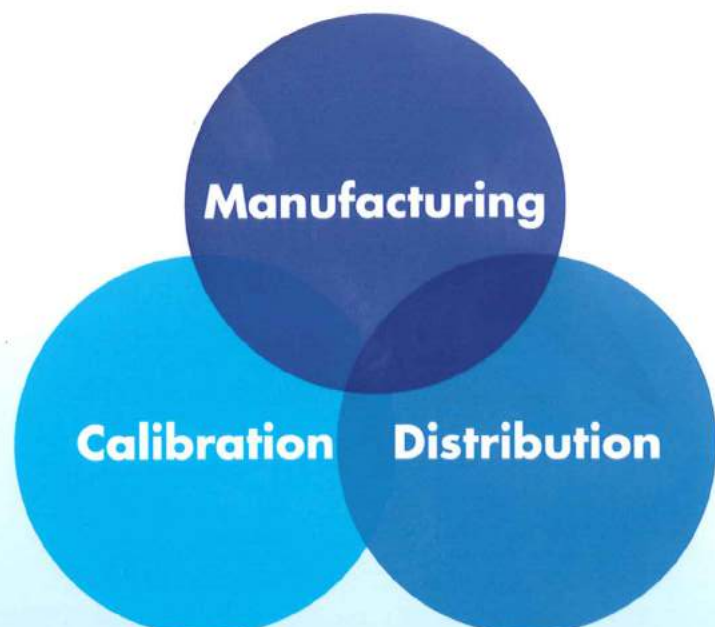
**IEC HSPM QC080000**

Since its inception in 1999, Thermoway has grown rapidly from a local thermocouple manufacturer into an experienced full-range temperature sensing application supplier for industrial equipments and processing applications in aerospace (in accordance with AMS 2750D), semiconductor, solar, LED, power generation, oil & chemical, steel, food and many other industries.

Thermoway has pursued ISO 9001 and IEC HSPM QC080000 standards to ensure the quality of its manufacturing. The ISO/IEC 17025 accredited Calibration Laboratory provides temperature calibration services to complement the range of service.

It is our policy to continuously improve our products and services to achieve total customer satisfaction. Our highly trained technical team is committed to offer customized products and temperature sensing solutions to meet each of the customers' unique needs.

## **Custom-Design Products & Temperature Sensing Solutions**



# Products & Services

## Thermocouple & RTD Probes

Thermoway offers standard and custom-designed thermocouples and resistance temperature detectors measuring temperature up to 2,200 degree Celsius\* for various industries.

- B, R, S, N, K, E, J T, U, C and PL II Thermocouples
- Pt100Ω, Pt1000Ω, Cu10Ω, Ni100Ω and Ni120Ω RTDs
- K & N Thermocouples Continuous Use Temperature Rating Up to 1250°C
- Explosopm-Proof Design Available
- Calibration Repoprt Available \*\*



## Connectors Extension Wires

Thermoway supplies thermocouple/RTD connectors in various materials and sizes. We also offer extension wires for different types of the thermocouple/RTD with various insulation materials including PVC, Teflon, fiber glass and fiber ceramic.

- Connectors Available in Mini Size and Standard Size
- Ceramic Connectors Availbale for High Temperature
- IEC, ANSI, JIS and DIN Color-Coded Wires Available



## Protection Tubes

Thermoway supplies protection tubes with various dimensions and lengths for thermocouple assemblies. Ceramic thermocouple insulators are also available in a wide range of sizes and shapes.

- Metal Tubes: 304SS, 316SS, Inconel 600, Molybdenum and More
- Ceramic Tubes: Alumina ( $Al_2O_3$ ), Zirconia ( $ZrO_2$ ), Silicon Carbide (SiC) and More
- Ceramic Insulators: Alumina ( $Al_2O_3$ ) and Magnesia (MgO)



## Datalogger

The multi-channel temperature datalogger is designed to instant read the environmental parameter for industries such as oil & chemical, food, semiconductor and test laboratories.

- High Resolution Color Display
- Up to 18 Input Channels
- 8MB Built-In Memory
- Portable Design

## Calibrator

Thermoway's economically priced temperature calibrator is designed to provide highly accurate thermal calibration with an air-cooling surface to prevent users from incautious heat burn.

- Choice of 350°C and 650 °C Models
- Compact Size
- Easy Operation
- Fast Heating/Cooling Rate
- Multi-Hole Block

Visit [www.thermoway.com.tw](http://www.thermoway.com.tw) for more product information

## Explosion Proof Thermocouple Head with Digital Indicator

Designed for stable performance in the toughest environments, ITRI certified Ex d IIC T6 X explosion proof, with digital indicator for quick reference. These thermocouple head are ideal for use in hazardous environments.

- Digital indicator displays temperature (F°/C°) or mA data (for standard 4-20 mA loop)
- Can be connected with thermocouple or RTD.
- Can install 2 temperature transmitters inside a single head
- Able to record the maximum and minimum mA data to detect any abnormal signal



## Paperless Recorder THAR/BR

The paperless recorder offers real time display of data in variety of formats. The user friendly unit with plug and play cards can easily be set to monitor, record and evaluate any application.

- Large 6.4" Color TFT display with 640 x 480 pixel resolution.
- Up to 18 isolate analog inputs
- User friendly multi-language interface.
- Standard ethernet or optional RS232/422/485 interface for remote data access

## Wireless Temperature/Relative Humidity Transmitter

The weather resistant wireless temperature and relative humidity transmitter is IP 65 class qualified splash resistant with battery / AC powered transmitters that transmit up to 1500m. Connect the receiver to computer to monitor real-time temperature, humidity, power supply, voltage and wireless signal strength.

- Measure both relative humidity and temperature
- Able to create 20 layers of wireless topology. ( Distance can be extended 20 times( 30 km ))
- User can develop custom program with the communication protocol provided and integrate to the existing system.



## Fine Wire

No special skills are needed and most people can product quality work with minimal practice. This instrument can be operated via the front panel or by using the foot switch.

- Produces commercial grade junctions
- No special skills needed to operate
- Fast energy recharge
- For wire diameter 0.08mm to 0.8mm



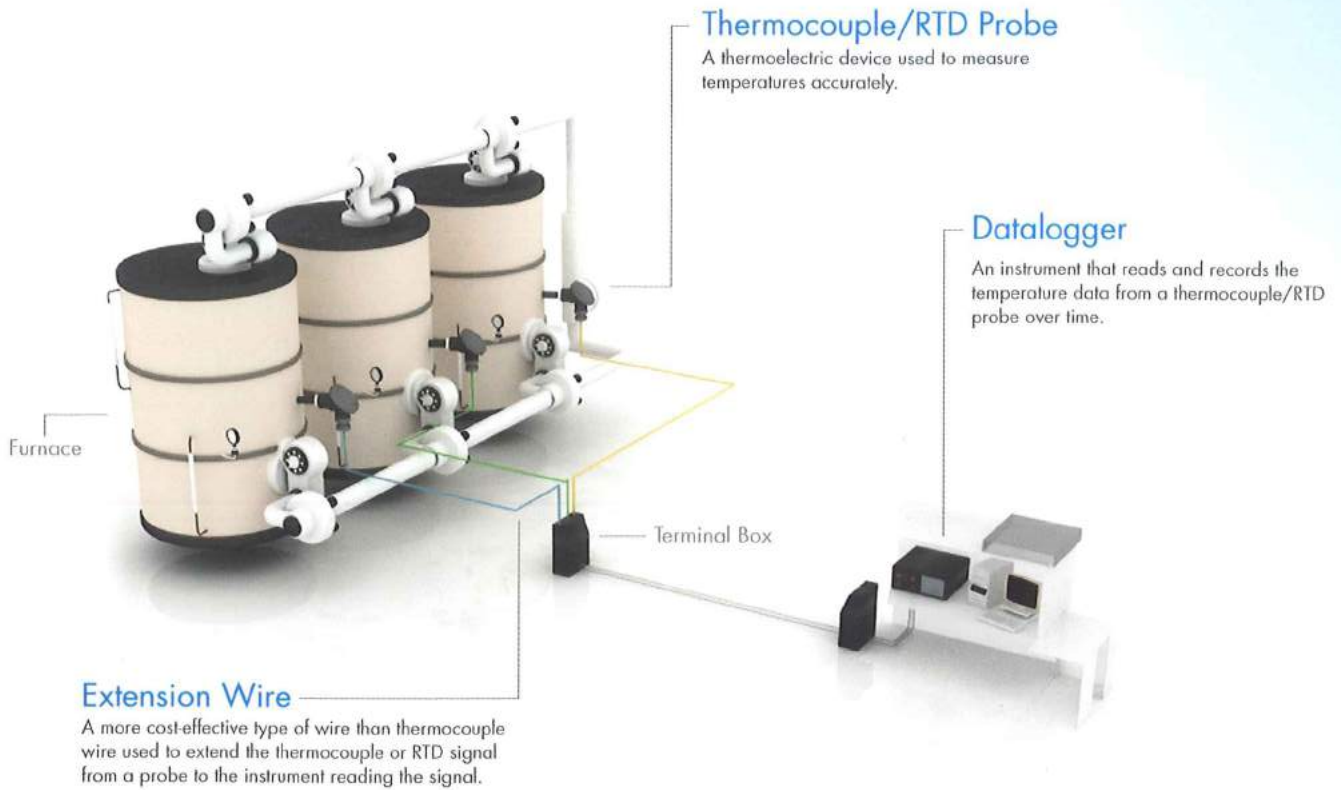
## Test Leads and Accessories

Instrument connecting wire, probe, cables, medical equipment and hardware components connecting wires for test elads, probes net result shorten the life of the curved tail, we swing by, load test, safety test certification developed than traditional network tail, longer life and overall product appearance.

We operate in good faith principle that, in order to provide customers with better qualifty and service, as well as technical expertise in order to focus on enchancing research and development and innovative technologies for the purpose, to build customer service, thus helping customers in a highly competitive and rapidly changing global markets to achieve suces.



# Products Highlights



## ISO/IEC 17025 Accredited Temperature Calibration

Thermoway's ISO/IEC 17025 Calibration Laboratory accredited by ILAC/TAF provides temperature calibration services for thermocouple/RTD probe, glass thermometer and instruments including temperature datalogger, simulator and calibrator. The calibration reports Thermoway issued are traceable to NIST (USA), JEMIC (Japan) or NML (Taiwan).





**Thermoway Industrial Co., Ltd**

7F, No.147 Tatung Road Sec. 2, Sijhih, New Taipei City, Taiwan 22183  
Tel. +886 (2) 8692 6689 Fax. +886 (2) 8692 6669

[www.thermoway.com.tw](http://www.thermoway.com.tw)

[info@thermoway.com.tw](mailto:info@thermoway.com.tw)

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