Catalog sensors don't always provide best solutions. Weed Instrument has designed over 8,500 custom sensors, each with unique features for superior performance at a lower price.

We build our sensors from start to finish. We manufacture our own sensing elements, machine our own cases and fittings, and assemble the finished parts. That provides us complete control over product quality, plus flexibility in adapting designs to customer requirements. Let our engineers suggest innovative ideas to tailor a sensor to your specific application.

Whether your requirement is for 100 or 100,000 units, you can count on Weed Instrument to provide you with accurate, reliable and economical temperature sensors.

➢ Gas Flow – Compensating RTD
   -Mass Flow Meters
   -Correctors

➢ Thermal Mass Flow Meters
   -Primary Element

➢ Pharmaceutical / Biotech / Sanitary
   -Non-Intrusive Flow Through / Flush Mount
   -Process / Direct Immersion
   -Autoclaves / Sterilizers
   -Calibration (-80 to 600 °C, Liquid N_2)

➢ Oil & Gas
   -Pipelines
   -Exploration (Offshore / Downhole)
   -Tank Gauging

➢ Thermal Energy Storage Tanks
   -Single Entry Multi-point RTD

➢ Energy Management / HVAC
   -Department Stores
   -Universities
   -Wineries / Distilleries
   -Semiconductor

➢ Specialty Gases

➢ Turbomachinery / Rotating Equipment

➢ Continuous Emissions Monitoring Systems

➢ A & E's
   -Thermowell Calculations
   -Design Drawings / Submittal Expertise

➢ Power Generation
   -Optimization

➢ Melt Technologies
   -PVC Pipe Fusing
   -Glue Delivery Systems

➢ Semiconductor Industry
   -Oven / Burn-in Chambers

➢ Compressor Manufacturing

➢ Tire Manufacturing

➢ Analytical Instrumentation Manufacturers

➢ Diesel Emissions / Exhaust Monitoring

➢ Textiles

➢ Government / Scientific

➢ Chemical Process Industries (CPI)

Custom Engineered / OEM Temperature Sensing Solutions

Aerospace / Military Temperature Measurement

For Aerospace, Military and Marine applications, Weed Instrument offers a wide selection of high reliability RTDs. We precision wind our own platinum and nickel sensing elements, which allows us to produce non-standard resistance curves and values - maximizing performance for our customers. All elements are calibrated to NIST standards and packaged to provide exceptional accuracy, stability and reliability in the harshest environments.

Nuclear Qualified Temperature & Pressure Measurement

Weed Instrument has been supplying nuclear qualified temperature and pressure measurement instrumentation and fiber optic networking equipment for more than 3 decades.
Today, over 80% of all North American reactors rely exclusively on Weed Instrument temperature sensors for critical reactor coolant monitoring. Our nuclear qualified pressure transmitters are used for safety related and Balance of Plant measurements at over 20% of US nuclear power plants. Weed Instrument products have been qualified for use in all of the leading reactor technologies, including PWR, BWR, CANDU (PHWR), and APWR.

Fiber Optic Converters for Bus Systems and Serial Data Interfaces

Weed Instrument is the world's leading manufacturer of Fiber Optic Networking Equipment for Industrial Automation & Process Control applications. We have over three decades of experience in fiber optic networking technology. Weed Instrument offers the world's largest selection of fiber optic converters for PLC's and Distributed Control Systems. We provide Fault Tolerant, Multidrop, and Fiber Optic Communications solutions.

Quality

In addition to being ISO 9000:2000 registered, Weed Instrument is compliant with the 10CFR50 Appendix B, 10CFR21, ANSI N45.2, ASME NQA-1, ASME NCA3800, CSA Can 3-Z299.1 and AS 9100 quality standards.

Weed Instrument Company, Inc.
707 Jeffrey Way, P.O. Box 300
Round Rock, TX 78680-0300
Phone: 512-434-2900   Fax: 512-434-2901
Email: temperature@weedinstrument.com
www.weedinstrument.com

Weed Instrument