



PRECISION TEMPERATURE MEASUREMENT SOLUTIONS

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Alpha Technics - Focused on precision temperature solutions, we provide custom sensors, probes and instruments to enable precise temperature measurement in a variety of applications.

Alpha Technics - Dedicated to the manufacture of cost effective, high precision NTC (negative temperature coefficient) thermistors used in applications which require tolerance of $\pm 0.1\text{C}$. Alpha Technics specializes in assembly services for medical devices, building products (HVAC), food processing and general industrial applications where both good manufacturing practices and efficiency are key considerations.

Alpha Technics - Committed to creating high accuracy thermometry systems to meet our customers unique temperature measurement needs. Electronic, Mechanical and Software Engineers are able to design and calibrate thermometer and probe systems to achieve the highest industrial temperature measurement accuracy available on the market today. Thermometry systems are certified to NIST traceable temperature standards.

Alpha Technics is a global citizen able to respond to customer requirements through strategically located manufacturing, assembly and customer support locations.





SENSOR COMPONENTS

NTC thermistors available in a variety of temperature curves and resistance values including standard point matched in tolerances from $\pm 1\%$ to $\pm 10\%$ and standard interchangeable available in tolerances from $\pm 0.1^\circ\text{C}$ to $\pm 1^\circ\text{C}$. Micro series with maximum outside diameter of 0.019" (0.48mm) and medical 400 and 700 series are also available.

SENSOR ASSEMBLIES

Assembly Services using a broad range sensor components such as thermistors, RTDs (resistance temperature detectors) and thermocouples. Wide variety of both molded and machined probe housings and connectors available. Engineering, assembly and specialty product packaging services optimized to meet our customers requirements for response time and cost.

THERMOMETRY

Precision thermometer and probe systems custom designed to monitor and validate the temperature in diagnostic equipment used in the life science industry. System tolerances certified from $\pm 0.025^\circ\text{C}$ and up. By integrating hardware and software solutions, these systems will streamline measurement and validation processes for a variety of life science, clinical chemistry and medical diagnostic applications.



High Precision Thermometry
Custom Probes
Medical Devices
Building (HVAC) Sensors & Electronics
Industrial and General Purpose Probes
Globally Optimized

Specified Product at Low Cost
NIST Traceable Calibration Services
Highly Efficient Assembly Operations
Flexible Instrumentation Solutions
ISO 9000-2000 Certified



A Global Citizen Committed to Global Partnerships

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