



Accuracy to the highest degree.



We stand on the shoulders of the ones who came before us.



Pictured here is one of the first & largest multi-thermowell manufactured by TCP.



**We still
make 'em like
they used to.**

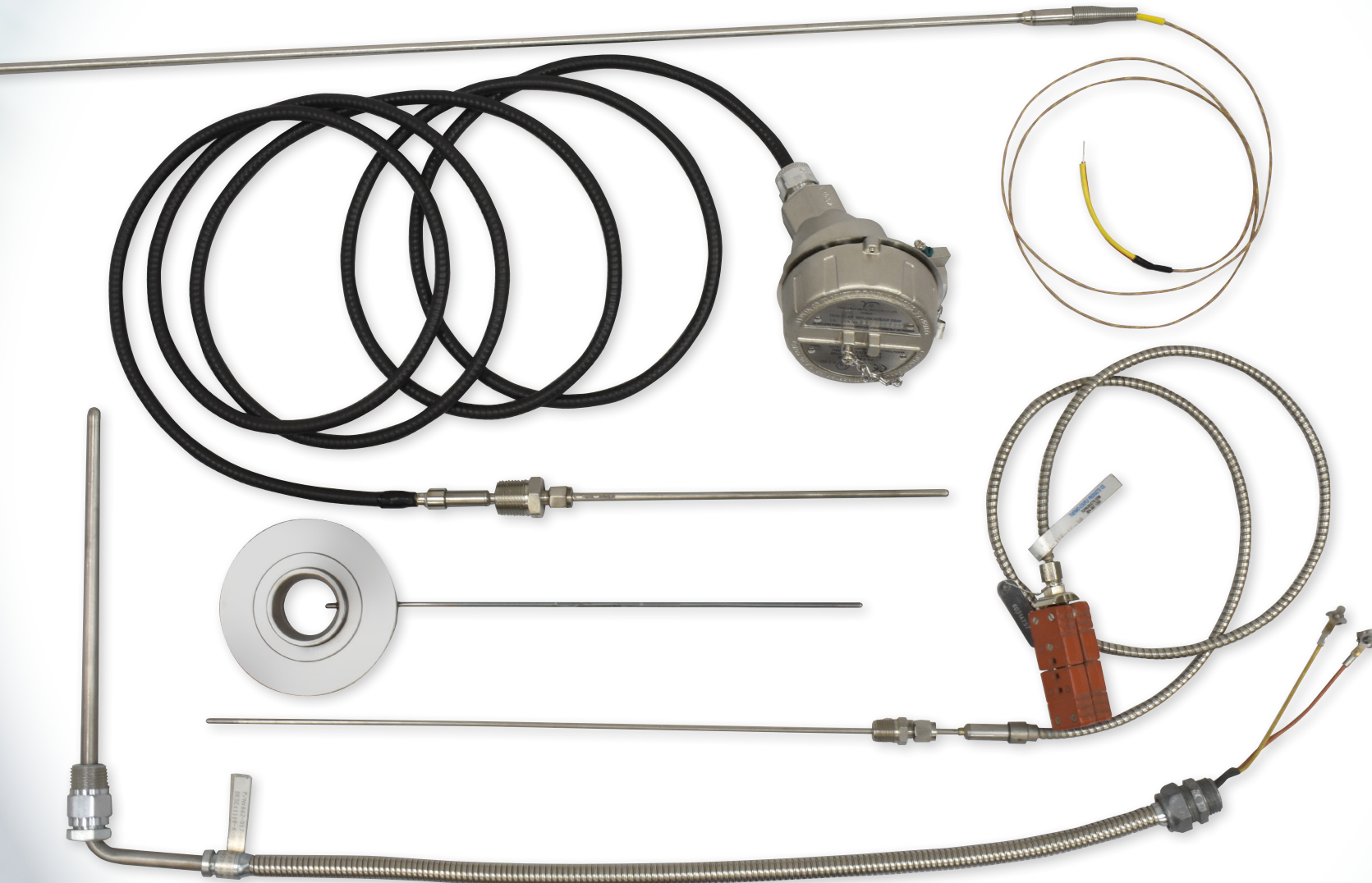
Since 1955, we've used engineering acumen and a can-do approach to manufacture and deliver the originals in temperature sensors.* This drive for invention continues, as we build on yesterday's milestones to create tomorrow's triumphs. Technologies and methodologies evolve, but our old-fashioned work ethic remains constant.



*We designed and patented the exclusive Knife Edge Tube-Temp Thermocouple, subminiature thermocouple connectors, high pressure wave rings, multi-point thermocouples, and color-coded ceramic connectors.



The right product for your application.



MINERAL-INSULATED THERMOCOUPLES

Magnesium oxide insulated thermocouples provide durable and reliable construction for harsh environment applications.

THERMOWELLS

Thermowells allow for ease of maintenance and are available in a variety of connection sizes and exotic materials to suit many different applications.

WIRE

All common calibrations, solid or stranded, with fiberglass, Teflon™, or stainless steel over braid wires, are available and stocked.

RTDs

Resistance Temperature Detectors (RTDs) are more sensitive than thermocouples and ideal for applications of up to 1200°F.

THERMOWELL ASSEMBLIES

Thermowells come equipped with a temperature sensor and a connection head. Explosion-proof heads and other certifications are available.

TRANSMITTERS

4-20mA HART transmitters are available to allow you to access your data anywhere.

TUBE SKIN THERMOCOUPLES

Tube skins, also known as tube-temps, allow for accurate reading of process pipes. TCP is the originator of the knife edge design.

MULTI-POINT ASSEMBLIES

Multi-point thermocouples allow for long runs and varied data collection points. Custom designs can include up to 42 different temperature sensors.

ACCESSORIES

Accessories include temperature controllers, thermocouple jacks, weatherproof boots, and more.



Ask us about custom solutions.

We know that customer requirements can be special and unique for each temperature measurement application.

We are equipped to handle various customization needs, such as custom bent tube-temps for complex piping systems, high-pressure custom glands for the plastics industry, specialized exhaust thermocouples for locomotives, and custom seal ring thermocouples for polypropylene processing. Our team will work with you to create the right design to fit your need.



Refineries

Multi-point assemblies are used in refineries around the world to accurately read catalyst bed temperatures.



Transportation

Thermocouples are used in locomotive applications, such as monitoring exhaust temperatures, to help engines run efficiently.



Food & Beverage

Thermowells with sanitary connections and clean-in-place components are ideal for food grade applications.



Oil & Gas

Explosion-proof assemblies are used to monitor temperatures in hazardous areas.



Plastics

High-pressure thermocouple assemblies are ideal for extrusion process applications.



Power Generation & Energy

Rugged exhaust thermocouples are used in engine manufacturing and reactor applications.



Waste & Water

Heavy-duty sensors can withstand harsh environments and are calibrated to EPA standards.



Heat Treating

Durable, reliable sensors withstand high temperature environments such as blast furnaces.



We're fanatical about customer service.



Key benefits of TCP:

CUSTOMIZATION

Products can be customized to fit your specific project, whether it be material, size, or special request. We partner with you and are with you every step of the way to ensure the product is exactly what you need.

RELIABILITY

Our products are high quality and last for years. They are durable and remain accurate even in the most extreme environments.

EXPERIENCE

For over 65 years, we have manufactured products for many applications and have continued to do so with a robust product portfolio and a tenured team of experts.

CUSTOMER FOCUS

We go above and beyond for each and every customer. We strive for strong partnerships and customer loyalty by being easy to work with-and our collaborative mindset means that when you win, we win.



Others say they go above and beyond. We prove it.

We've got a deep history of getting things done. By staying nimble and making the customer's goal our goal, we've been able to move metaphorical mountains when customers needed us most. Our decades of experience, tenured experts, and focus on providing specific solutions for our customers is what has kept our customers loyal. Whether the job is standard, custom, difficult, or easy, we will meet your needs. It's not just a promise; it's how we do business.

Contact us today.



Fanatical about our customers since 1955.

At TCP, our mission is to be the most trusted provider of temperature monitoring and measuring solutions. We service many industries, including transportation, petrochemical refining, and plastics manufacturing. We focus on the benefits that our solutions provide to each customer's business and strive to maintain customer loyalty.

