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Celebrating 62 years in  
business!



## Mary Ann Furnace Trail - Codorus State Park - Hanover, PA

W. H. Cooke & Co. has been in business since 1963, serving our customers as a manufacturer of thermocouples, RTD's, and thermistors and a distributor of instrumentation and controls for temperature, pressure, level, flow, pH, RH, flame and gas detection and heaters.

Our product range includes chart recorders, chart paper, pens, paperless recorders, data loggers, pumps, valves, motors, industrial oils, solvents, PPE, and lubricants.



## **FASTER HEAT UP TIMES AND NO BORE SEIZURES!**

### **THE REVOLUTIONARY WATT-FLEX® SPLIT-SHEATH CARTRIDGE HEATER**

- ✓ Maximizes Heat Transfer
- ✓ Reduces Maintenance Costs
- ✓ Reduces the Cost of Process Heating

Watt-Flex® Cartridge Heaters run more efficiently, use less power and last up to 5 times longer than conventional cartridge heaters.

The unique, patented split-sheath design that allow the heater to expand when energized to maximize heat transfer through greater contact with the wall of the bore. Better heat transfer means less power is consumed to maintain the set point temperature, reducing operating costs. The Dalton Watt-Flex® cartridge heater reduce your total cost of process heating by an average of 40% over other heaters.

The Watt-Flex® heater construction eliminates ceramic cores typically found in conventional cartridge heaters. Dalton has developed highly-specialized manufacturing techniques to compact high-grade MgO dielectric to near its maximum density around the heater coil, which increases dielectric strength and heat transfer away from the coil, resulting in significantly longer heater life.



#### ① Hot Tip or Cool Tip Option

Watt-Flex heaters can be constructed for hot or cool tips by either concentrating or stretching the continuous coil inside the densely compacted MgO dielectric.

#### ② Split-Sheath

The split-sheath expands to maximize heat transfer and contracts when cold for easy removal from bore. Ideal for use in oversized bores. Eliminates need for tight fits, tight tolerance bores.

#### ③ A Single Continuous Heating Coil

A single continuous heating coil ensures a uniform temperature profile. No sections to burn out as in conventional cartridge heaters.



## **Micrometers and Calipers with and without outputs and Coordinate Measuring Machines**



The Mitutoyo coordinate measuring machines are available in an unmatched range of sizes, accuracy levels and designs, bringing enhanced precision and efficiency to practically any 3D measuring application.



**Standard Coordinate Measuring Machines →**

Mitutoyo CMMs use our global metrology software for measuring with or without a CAD model for automatic part program generation



**High-Accuracy Coordinate Measuring Machines →**

The High-Accuracy series with high-moving speed and acceleration is achieved with improved rigid air bearings on all guideways



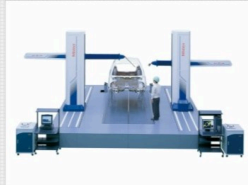
**Ultra High-Accuracy Coordinate Measuring Machines →**

The Ultra-High accuracy series with a fixed bridge structure with superior stability of motion for world class measuring accuracy



**Shop Floor Coordinate Measuring Machines →**

The Shop Floor series CMMs are flexible measurement systems with high-throughput measurements for in-line or near line applications



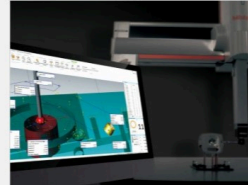
**CARBstrato →**

The CARB series CMMs are suitable for extra-large-sized workpieces for aerospace, heavy equipment and automotive



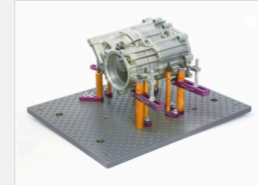
**CMM Probe and Change Rack Options →**

Take full advantage of your Mitutoyo CMMs with a variety of contact & non-contact probes



**CMM Programming →**

Measure with or without a CAD model for automatic part program generation and modules for application specific programming, analysis tools



**CMM Accessories →**

Accessories such as fixturing, styli, verification artifacts, rotary and indexing tables all make your CMM more versatile & powerful

## FEATURED LINE

### Micronics Clamp on Flow Meters

Exciting new offering from Micronics Clamp on Flow Meters!

The U1000 wall mounted flow meter **and** BTU can now be offered with BacNet capability!



Pipe range 0.75 - 8"

*Need a meter for a XP area? We got that covered!  
The UX5500 is a Class 1 Div 1 meter!*



Pipe range 2 - 12"

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**1 Week Lead Time for MOST  
Thermocouples & RTD's!**



Since 1963

# **THERMOCOUPLES & RTDS**



**W. H. COOKE & CO., INC.**  
6868 York Road  
P. O. Box 893  
Hanover, PA 17331

Phone: (717) 630-2222

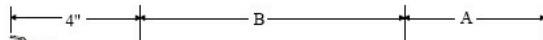

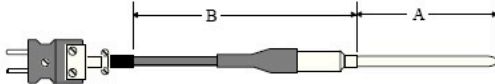
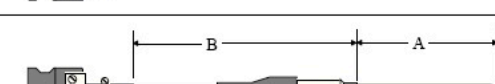




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Thermocouple & RTD Brochure](#)

## LUNAR-PAK MINERAL INSULATED (BENDABLE) T/C'S

HOT JUNCTION TYPES			
	Grounded (G)	Ungrounded (UG)	Exposed (E)
FIG. 1	Thermocouple w/20 ga. fiberglass insulated lead wire.		
FIG. 2	Thermocouple w/20 ga. fiberglass insulated lead wire and stainless steel overbraid.		
FIG. 3	Thermocouple w/20 ga. fiberglass lead wire and terminated with male plug.		
FIG. 4	Thermocouple w/20 ga. fiberglass insulated lead wire and stainless steel overbraid and terminated with male plug.		
FIG. 5	Thermocouple w/20 ga. fiberglass insulated lead wire and terminated with female jack.		
FIG. 6	Thermocouple w/20 ga. fiberglass insulated lead wire and stainless steel overbraid and terminated with female jack.		
FIG. 7	Thermocouple terminated with male plug.		
FIG. 8	Thermocouple terminated with female jack.		
FIG. 9	Thermocouple terminated with hinged flip top cover weatherproof head and 1/2" x 1/2" NPT x 1-1/2" long 316 SS NPT mounting fitting brazed to sheath. For spring loading add "SL" to end of part number. Spring loaded type is not sealed from process and is generally used with a thermowell.		
<p>NOTE: Screw cover head design is available at same price but must be requested otherwise flip top head will be supplied.</p>			
FIG. 9-EP	Thermocouple terminated with explosion proof head - Same description as above except with screw cover explosion proof head assembly.		
FIG. 10-NPT	Replacement thermocouple element for figures 9 through 9-EP.		
Sheath is silver soldered to 1/2" NPT 316 SS MTG Nut.			

W. H. Cooke & Co., Inc. - Product Lines

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2025

# W. H. Cooke & Co., Inc.

Since 1967 Manufacturer of thermocouples, RTD's, and thermistors. Distributor of instrumentation and controls for temperature, level, flow, pressure, pH, RH, flame & gas detection, boiler control products, industrial heaters & insulation, chart recorders, chart paper & pens, paperless recorders, data loggers, pumps, sanitary valves, motors, lab scales, pH buffer solutions, and much more.

**Controls** **Heaters** **Sensors**

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**SUMMER FUNNIES!**

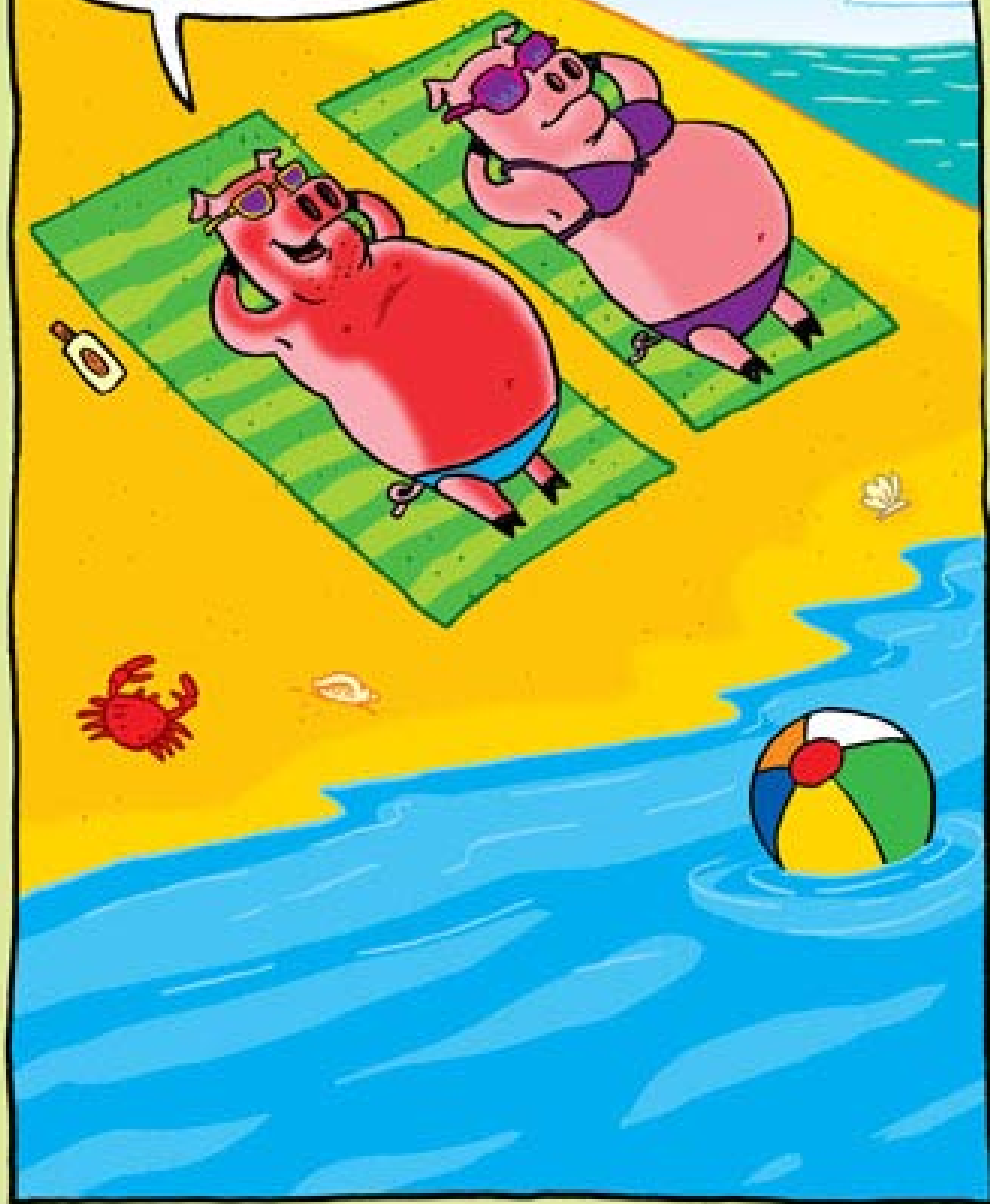


Sorry you need winter clothes to endure the temperature in your office during summer.



someecards

Man, I'm really  
**BACON** today!

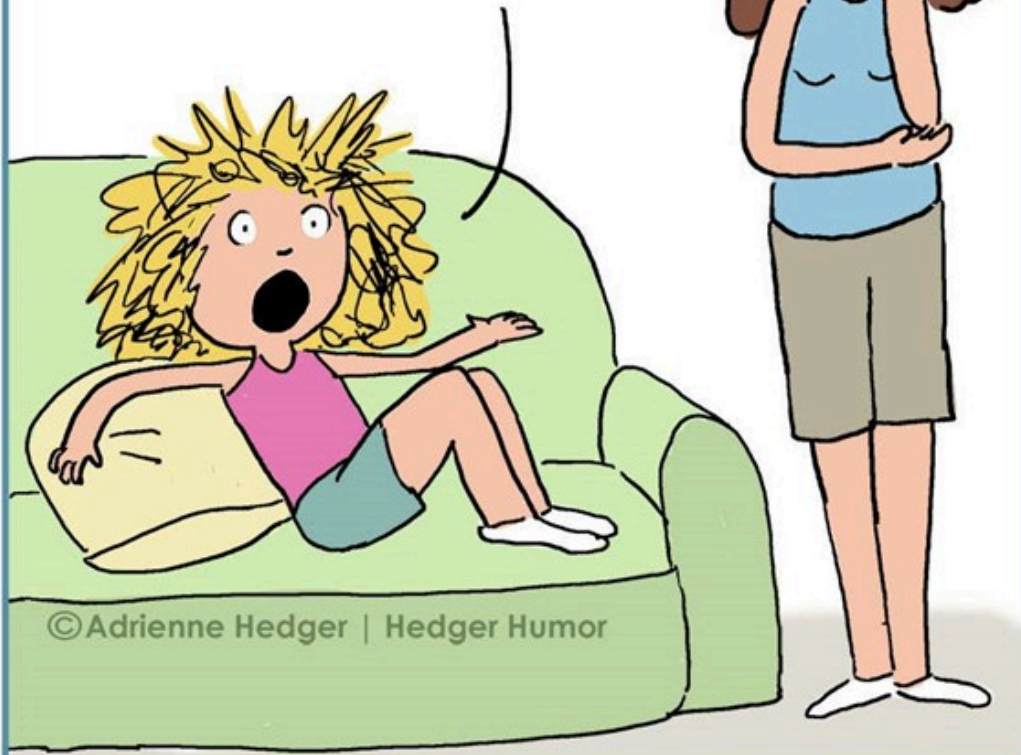


# Fun Summer Moments



## Unfortunate Things My Kids Say

**Brushing your teeth  
in the summer is like  
brushing your hair.  
What's the point?**



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**“Tom, this is Kate from the office. Boy, you’re a hard person to reach when you’re on vacation!”**

The Joy of Tech™

by Nitrozac & Snaggy



Good weather guilt / work guilt vicious cycle.





**Sometimes I spend  
whole meetings  
wondering how they  
got the big meeting  
table through the door**

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