TM410 Hand Held Instrumentation for the Food Industry

TM410 with TP-100 Probe

The Wahl TM410 Type K Thermocouple Digital Heat Prober® Thermometer provides the highest accuracy at the lowest price of any Thermocouple Instrument on the market today.

• Accuracy of ±1.0°F (0.5°C) in an operating range of 32° to 200°F

• Meets and exceeds FDA Requirements (Food Code requires ± 2°F)

• Optional probes plug into the top of TM410 for easy single-handed use

• Optional TCL329K Extension Handle for extended reach

• Built in pocket/belt clip on back of unit

• Reduced dirt-harboring crevasses for easy cleaning

• °F and °C Switchable

The Wahl TA50AFK 5-Position NIST Certified Calibrator enables the user to quickly check temperature accuracy at 5 Food-Safety Critical Temperatures:

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100°F   155°F   200°F   250°F   300°F

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• TA50AFK Calibrates all in house Thermocouple Meters as frequently as desired

• User sends the calibrator only back to the factory for NIST Certification

Custom TM410 Food Service Kit shown with optional accessories: TA50AFK Calibrator, TCL329K Extension Handle, Type K Probes, Temp-Plate® Temperature Labels and cleansing wipes (not included).
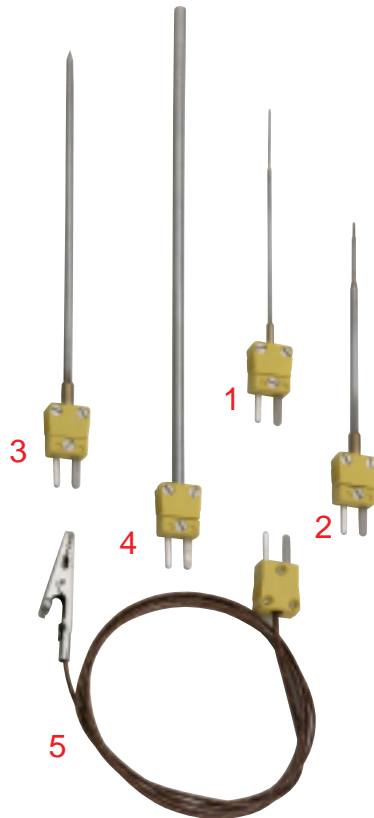

TM410 shown in use with the TA50AFK Calibrator

Customize Your TM410 - Food Service Kit to ensure your HACCP program maintains the most stringent standards, at the lowest cost.

Choose the optional accessories that best suit your needs:

TA50AFK - NIST Certified Calibrator

TCL329K Extension Handle

12423 - Hard Foam Lined Carrying Case

Optional Type K Probes (Specify, see back of flyer for part number and description)

Temp-Plate® Temperature Labels #414-160F-071C (box of 10)(recommended for testing internal water temperature of dishwashers)

TM410 System Type K Probes and Accessories

1. TP-100 Needle-Tip Penetration Probe
2. TP-101 Fine-Tip Penetration Probe
3. TP-102 Sharp Tip Penetration
4. TP-200 General Purpose Immersion
5. TP-300 Clip-On Oven/Air

TM410 with TCL329K Extension handle and various probes

TYPE K PROBES AND ACCESSORIES	
Model No.	**Description**
TP-100	Needle-tip Penetration Probe, 4″ Shank, Direct Connect to Meter
TP-101	Fine-tip Penetration Probe, 4″ Shank, Direct Connect to Meter
TP-102	Sharp-tip Penetration Probe, 6″ Shank, Direct Connect to Meter
TP-200	General Purpose Immersion Probe, 8″ Shank, Direct Connect to Meter
TP-300	Alligator Clip-on Oven/Air Probe, 4′ length High-Temperature Insulated Connector Cable
TA50AFK	5-Position NIST Certified Calibrator (for °F scale only)

Wahl TP Probes are specially manufactured with food servcie in mind to give fast and accurate results. They can be inserted into the TM410 for single hand-ed operation and are durable enough to withstand the rigors of a busy kitchen. Probes can be safely passed throught the dishwasher for ease of cleaning.

Accuracy is maintained regardless of which probe is attached, assuring greater certainty of safe food temperature, and tighter control over the quality of the finished product.

TCL329K Extension Handle allows use of interchangeable probes with one handle and cord set. This economical and compact Type K Probe System is usable with the Wahl TM410 Thermocouple meter.

TCL329K Extension handle

Specifications	
TM410	
Temperature Range	-40 to 1999°F (-40 to 1092°C)
Resolution	0.1° at -40 to 199.9°F or °C 1.0° at 200 to 1999°F (200 to 1092°C)
Accuracy	±1.0°F at 32 to 200°F (±0.5°C at 0 to 93°C)
Accuracy	0.3% reading ±2°F at -40 to 32°F (-40 to 0°C) 0.3% reading ±2°F at 200°F to 1999°F ±0.4°C at 93 to 1092°C
Temperature Coefficient	0.1 times the applicable accuracy specification per °F from 32 to 65°F and 82 to 122°F
Ambient Operating Range	32 to 122°F (0 to 50°C) at <80% R.H.
Storage Temperature	-4 to 140°F (-20 to 60°C) at < 70% R.H.
Display	3-½ digit LCD, maximum reading of 1999°F
Power Supply	3 AAA Alkaline Batteries
Battery Life	500 Hours Average
Low Battery Indicator	Low Battery Indicator is displayed on LCD when the battery voltage drops below the operating level.
Probes	Thermocouple Type K - ANSI Mini Connector
Dimensions	6 x 2 x ¾ inch (152.4 x 50.8 x 19.05mm)
Weight	3.6 ounces (102 g)

PALMER Wahl
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