FoodserviceCatalog

AquaTuff™ Thermocouple Instruments

Cooper-Atkins' line of hand-held thermocouple instruments continues the proud heritage of products designed and manufactured in an ISO 9001:2008 registered facility in the U.S.A. The powerful microprocessor in the Cooper-Atkins thermocouple instruments delivers speed and reliability with a unique memory that stores the calibration settings and will virtually never need recalibration. The AquaTuf ™ Series Thermocouple Instruments are highly accurate, NIST certif ed and most importantly, as the AquaTuf ™ name implies, extremely durable and IPX7 waterproof rated for even greater reliability in harsh environments. The non-Wrap and Stow enclosure design allows for maximum versatility, and can be used with any type K thermocouple probe.

IPX7 Waterproof

The AquaTuf ™ instruments are IPX7 waterproof rated and durable for harsh environments. An IPX7 level reading means the instrument can be submerged in 1 meter of water for 30 minutes without water damage.

	35100-K	35200-K
Temperature Range:	-100° to 999°F -73° to 537°C	-100° to 999°F -73° to 537°C
Accuracy:	±0.5F° ±0.3C°	±0.5F° ±0.3C°
Resolution:	0.1°	0.1° / 1° selectable
Housing:	ABS Plastic	ABS Plastic
Hold:	No	Yes
Backlight:	No	Yes
Waterproof:	Yes	Yes
Power:	(2) 1.5V AAA	(2) 1.5V AAA
Battery Life:	1800 hours	1800 hours
Auto Of :	10 min.	10 min.
Replacement Item For...	38653-K 38658-K	39658-K
Weight:	5 oz / 142 g	5 oz / 142 g
Regulatory Listings:	NSF CE RoHS	NSF CE RoHS
Warranty:	5 Year	5 Year

35100-K
AquaTuf ™
Thermocouple Instrument

Easy twist-open battery hatch

35200-K
AquaTuf ™
Thermocouple Instrument

The non-Wrap&Stow enclosed design instruments are compatible with any Type K thermocouple probe for maximum versatility.

93970-K
AquaTuf ™ Kit
35200-K Instrument
50012-K Surface Angled Bell Probe
50306-K Air / Oven Probe
50335-K Needle Probe
14235 Medium Case
• Weight: 2 lb / 907 g

AquaTuff™ Wrap&Stow™ Thermocouple Instruments

Wrap&Stow™ designs are available with a unique cable storage channel and the probe is stored safely along the side of the unit housing. The Wrap&Stow™ probe is factory calibrated to the instrument for a higher degree of total system accuracy.

	35132 / N	35135	35140 / N	35232 / N	35235	35240 / N	35340
Temperature Range:	-100° to 500°F -73° to 260°C	-100° to 500°F -73° to 260°C	-100° to 500°F -73° to 260°C	-100° to 500°F -73° to 260°C	-100° to 500°F -73° to 260°C	-100° to 500°F -73° to 260°C	-100° to 500°F -73° to 260°C
Accuracy:	±0.9F° / ±0.5C° **total system accuracy**	±0.9F°* ±0.5C°*	±0.9F° / ±0.5C° **total system accuracy**	±0.9F° / ±0.5C° **total system accuracy**	±0.9F°* ±0.5C°*	±0.9F° / ±0.5C° **total system accuracy**	±0.9F° / ±0.5C° **total system accuracy**
Resolution:	0.1°	0.1°	0.1°	0.1° / 1° selectable	0.1° / 1° selectable	0.1° / 1° selectable	0.1°
Housing:	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Hold:	No	No	No	Yes	Yes	Yes	No
Backlight:	No	No	No	Yes	Yes	Yes	No
Waterproof:	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power:	(2) 1.5V AAA	(2) 1.5V AAA	(2) 1.5V AAA	(2) 1.5V AAA	(2) 1.5V AAA	(2) 1.5V AAA	(2) 1.5V AAA
Battery Life:	1800 hours	1800 hours	1800 hours	1800 hours	1800 hours	1800 hours	1800 hours
Auto Of :	10 min.	10 min.	10 min.	10 min.	10 min.	10 min.	10 min.
Weight:	7 oz / 199 g	8 oz / 227 g	7 oz / 199 g	7 oz / 199 g	8 oz / 227 g	7 oz / 199 g	7 oz / 199 g
Regulatory Listings:	**35132** CE RoHS **35132-N** cULus CE RoHS	CE RoHS	**35140** CE RoHS **35140-N** cULus CE RoHS	**35232** CE RoHS **35232-N** cULus CE RoHS	CE RoHS	**35240** CE RoHS **35240-N** cULus CE RoHS	CE RoHS
Warranty:	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year

*** Accuracy spec for instrument only. Surface probe temperature error for f at, clean oiled surfaces with 2 lb (1kg) pressure are typically within +3F° (+1.5C°) and -6F° (-3.5C°) without thermostat cycling.**

35132
AquaTuf ™ Wrap&Stow™ Thermocouple Instrument with DuraNeedle Probe

Wrap&Stow™ probes can be replaced at your location.

35340 Instrument with ITS™ and Memory Storage

The Intelligent Temperature Stabilization (ITS™) feature prevents the temperature from being displayed until the absolute f nal stabilized temperature is reached. While in the ITS mode, you have the option of recording the stabilized temperature into the 35340's memory. The memory can store up to 250 readings, which can then be reviewed by scrolling up or down.

35340
AquaTuf ™ Wrap&Stow™ ITS™ Thermocouple Instrument with MicroNeedle™ Probe

35235
AquaTuf ™ Wrap&Stow™ Thermocouple Instrument with Surface Probe

9369
Wall-Mount Bracket for 350 Series

EconoTemp™ Thermocouple Instruments & Kits

32311-K
EconoTemp™

	32311-K	32322-K
Temperature Range:	-40° to 500°F -40° to 260°C	-40° to 1000°F -40° to 538°C
Accuracy:	±2F° ±1C°	±1.0F° ±0.5C°
Resolution:	1°	0.1° up to 495°F / 257°C
Housing:	ABS	ABS
Hold:	No	No
Backlight:	No	No
Waterproof:	No	No
Power:	(3) 1.5V AAA	(3) 1.5V AAA
Battery Life:	4500 hours	1500 hours
Auto Of :	10 min.	10 min.
Weight:	6 oz / 170 g	6 oz / 170 g
Regulatory Listings:	NSF CE RoHS	CE RoHS
Warranty:	Five Year	Five Year

32322-K
EconoTemp™ Plus
With an expanded temperature range and tenth degree resolution.

Removable rubber boot provides superior impact resistance. Withstands multiple drops from six feet onto a cement f oor.

94020-K
EconoTemp™ Single Handed Combo Pack
32311-K Thermocouple Instrument
50337-K Direct Connect DuraNeedle Probe
9368 Wall Mount Bracket
• Weight: 6.5 oz / 184 g

NEW

50337-K
DuraNeedle™ Direct Connect Probe

Cooper-Atkins • 5 Year • Five Year Instrument Warranty

93230-K
EconoTemp™ Combo Pack
32311-K Thermocouple Instrument
50336-K Needle Probe
9368 Wall Mount Bracket
• Weight: 8 oz / 227 g

Direct Connect Probe Allows for Single-handed Operation!

EconoTemp™ Thermocouple Instruments & Kits

The EconoTemp™ is an ideal transitional instrument from the digital pocket test. It has greater speed and f exibility with interchangeable probes. A higher degree of accuracy is achieved in an af ordable instrument. Food Safety Kits include instruments and probes recommended by foodservice professionals and can also be assembled to order. Let us build a kit for you!

93237-K
32311-K Instrument
31901-K Needle Probe
31905-K Air Probe
31907-K Surface Probe
9368 Wall-Mount Bracket
14240 Small case
• Weight: 1 lb 4 oz / 567 g

93233-K
32311-K Instrument,
50012-K Surface Angled Bell Probe
50306-K Oven / Freezer Probe
50336-K DuraNeedle Probe
9368 Wall-Mount Bracket
14235 Medium Case
• Weight: 2 lb 3 oz / 851 g

Insertion / Needle Probes	50207-K	50337-K
Description	MicroNeedle™ Probe Chisel Tip	DuraNeedle™ Probe
Temperature Range:	-100° to 500°F -73° to 260°C	-100° to 500°F -73° to 260°C
Max Tip Temperature:	500°F / 260°C	500°F / 260°C
Response Time (in liquid):	1 second	1 second
Shaft Length:	3.75″ / 95 mm	4″ / 102 mm
Cable Length Max Extended:	Direct Connect No Cable	Direct Connect No Cable
Weight:	.5 oz / 14 g	.5 oz / 14 g
Warranty:	1 Year	1 Year

Carry / Storage Cases:

14057	Soft (zippered) pouch 9″ x 3.5″ x 2″
14235	Medium case 12″ x 8″ x 3″
14240	Small case 6″ x 8.5″ x 2.5″
14245-1	Large case 17″ x 12″ x 3″
9339	Nylon Pouch/Velcro Flap 8.5″ x 3.5″ x 1″

9368
Wall-Mount Bracket
for EconoTemp™
323 Series

Five Year Instrument Warranty

Any instrument which proves to be defective in material or workmanship within f ve years of original purchase will be repaired or replaced without charge upon receipt. This Limited Warranty does not cover damage in shipment or failure caused by tampering, obvious carelessness or abuse, and is the purchaser's sole remedy.

Warranty Program

Cooper-Atkins Thermocouple Instruments and Probes are covered by the industry's leading Warranty Program. This program, combined with Cooper-Atkins' 125+ years of foodservice experience assures your instrument will provide many years of reliable service as it is specif cally designed to withstand the rigors of a foodservice operation. Please refer to the Thermocouple Warranty Program document #67-736.

Additional Available Materials

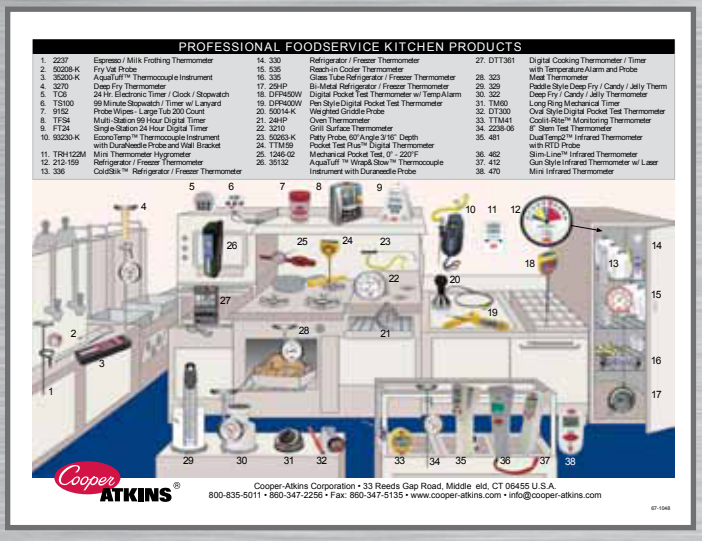
67-848
Industrial Catalog

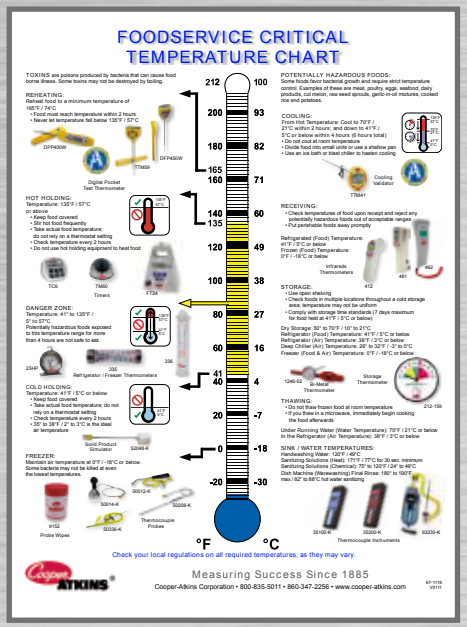
67-1040
Healthcare Catalog

67-800
Thermocouple Probe Catalog

67-909
Accurate for Life Brochure

67-1048
Cooper-Atkins Kitchen Brochure





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Critical Temperature Chart

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