

# EconoTemp™ Thermocouple Combo Packs

**93230-K/  
94020-K**

These EconoTemp™ Combo Packs are general purpose, temperature monitoring kits that include a thermocouple instrument and DuraNeedle probe. The 32311-K instrument accepts all Type K Thermocouple Probes and incorporates a powerful micro-processor with a unique memory, that stores calibration settings, making recalibration unnecessary. A rubber boot protects the ABS plastic housing. Both probes have a step-down, thin tip design that provides fast and accurate response times of <2 seconds. Each combo pack includes lanyard and a wall-mount bracket option for safe storage of the instruments and probes.

## 93230-K Combo Pack

- 32311-K Instrument
- 50336-K DuraNeedle Probe
- 9368 Wall-mount Bracket



## 94020-K Combo Pack

- 32311-K Instrument
- 50337-K Direct Connect DuraNeedle Probe
- 9368 Wall-mount Bracket



## Specifications

### 50336-K DuraNeedle Probe

- Response Time: 2 seconds, liquid
- Probe Length: 6" (152 mm)
- Cord Length: 4' (1.2 m) - extended, 12" (305 mm) - retracted
- 1-year warranty

### 50337-K Direct Connect DuraNeedle Probe

- Response Time: 1 second, liquid
- Probe Length: 4" (102 mm)
- 1-year warranty

### 32311-K Thermocouple Instrument

- Temperature Range: -40° to 500°F (-40° to 260°C)
- Accuracy:  $\pm 1^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )
- Resolution:  $1^\circ\text{F}/^\circ\text{C}$
- Water-resistant
- Auto Shut-off: After 10 minutes of non-use
- Battery Life: 4500 hours, (3) AAA batteries (included)
- Compliances: NIST traceable, CE certified, NSF listed (unit only), WEEE marked and RoHS compliant
- 5-year warranty



## Packaging

### 93230-K Combo Pack (32311-K Instr. and 50336-K Probe)

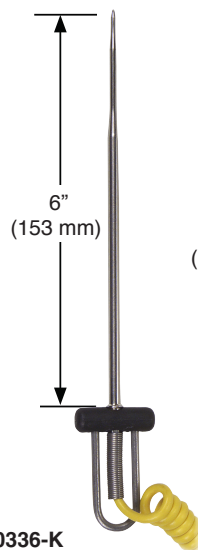
- Individual Package Weight: 14 oz (397 g)
- Package Dimensions (L x W x H): 9" x 4 3/8" x 2 1/8" (229 mm x 111 mm x 54 mm)
- Package Cube: 0.05

### 94020-K Combo Pack (32311-K Instr. and 50337-K Probe)

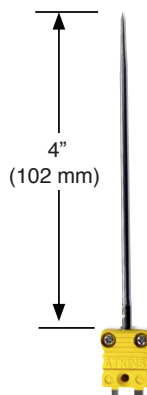
- Individual Package Weight: 12 oz (340 g)
- Package Dimensions (L x W x H): 5" x 2.125" x 10" (127 mm x 54 mm x 254 mm)
- Package Cube: 0.07



**32311-K**  
Thermocouple Instrument



**50336-K**  
DuraNeedle Probe



**50337-K**  
Direct Connect  
DuraNeedle Probe



**Direct Connect Probe  
For Single-Handed Use!**



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