

# ATKINS EconoTemp 32311-K Thermocouple Thermometer



**Model 32311 Replaces Current 31308 and 31309**

**THE HIGHEST TECHNOLOGY YOU WILL FIND IN AN ECONOMY THERMOCOUPLE THERMOMETER**

## Feature & Benefits of the NEW 32311 Economy Thermometer

|                                  |   |
|----------------------------------|---|
| <b>Display:</b>                  | Custom LCD; 3.5 inch (8.9 cm) 0.4 inch (1.0 cm) digit height  |
| <b>Resolution:</b>               | Whole degree resolution over entire range   |
| <b>Update Rate:</b>              | 2 readings per second   |
| <b>Range:</b>                    | -40°F to 500°F (-40°C to 260°C)   |
| <b>Accuracy:</b>                 | ±2F° (±1C°)   |
| <b>Battery Type:</b>             | 3 X 1.5V (AAA) alkaline cells   |
| <b>Auto-Off:</b>                 | Instrument automatically shuts off after 10 minutes of keypad inactivity in order to conserve battery life, <b>1500 hours typical for alkaline cells</b>  |
| <b>Low Battery:</b>              | Indicated by battery icon on display. When battery is fully depleted, "batt" appears on the display and, unit will shut off automatically and not operate |
| <b>Probe Connector:</b>          | High reliability ANSI standard miniature Type K thermocouple connector  |
| <b>Certifications:</b>           | NSF Listed; CE Marked   |
| <b>Micro Process Controllers</b> | State-of-the-art Texas Instruments MSP430 flash-based microcontroller hardware circuit design.  |



## Feature Comparison - Old 313 Series and New 32311 Series

| Feature                          | 31308/31309   | 32311              |
|----------------------------------|---|--------------------|
| Microcontroller hardware design  | NO  | YES                |
| Recalibration required           | YES   | NO                 |
| F/C degrees selectable           | NO  | YES                |
| Auto-Off                         | NO  | YES                |
| CE Marked                        | 31309-KC only   | YES                |
| NSF Listed                       | NO  | YES                |
| Accuracy                         | +/- 2F°, +/-0.5% of reading<br>+/-1C°, +/-0.5% of reading | +/-2F°<br>(+/-1C°) |
| High reliability probe connector | NO  | YES                |
| Sealed keypad                    | NO  | YES                |
| Weight/lbs.                      | 0.475   | 0.38               |
| Rubber Boot                      | YES   | YES                |

Model 31308 and 31309 available while supplies last

Model 32311-K Available August 2003

Probes sold separately OR as a Combo Pack 93230 with 50336-K DuraNeedle Probe



www.cooper-atkins.com  
1-800-284-2842