# OAKTON® TempTestr®

## Model 35628-00 Microprocessor Based Pocket Size Temperature Tester

**BEFORE FIRST USE:** Remove plastic strips between batteries and contacts if present.

**Caution: do not bend probe or expose the plastic probe connector to temperatures above 176°F (80°C).**

**CONNECTING THE PROBE:** Remove the tester cap. Insert the probe plug into the jack at the bottom of the TempTestr.

**CALIBRATION:** The TempTestr is factory calibrated to ensure accuracy within stated tolerances. It is not necessary to calibrate unless it is desirable to achieve exact readout agreement with a work standard at a specific temperature.

Select a reference thermometer such as an NIST or ASTM certified thermometer. Insert into a temperature controlled water bath up to the calibration temperature point and note the reading. Insert the TempTestr probe tip 3 inches into the water bath.

Press the TempTestr HOLD button, then press and hold the °F/°C button. Press the HOLD button again and let up both buttons. A “CA” will appear and the temperature will flash. Adjust the reading ±5° by pressing the HOLD button until the desired temperature is displayed. Press the °F/°C button to confirm calibration. A “CO” will be displayed, then the calibrated temperature will be displayed and the HOLD function is cancelled. This calibration is retained until batteries are replaced at which time the TempTestr defaults to the factory calibration.

**TEMPERATURE TESTING:**

- Connect the probe and press ON/OFF button to turn on.
- Insert the probe tip where measurement is needed. Do not immerse probe above plastic connector!
- Press “HOLD” button if you wish to hold the reading (“HO” will be displayed momentarily). Press it again to release it (“HC” will be displayed momentarily).
- Press the on/off button to shut off.
- There is an automatic shut-off after 8.5 minutes to conserve batteries.

**CHANGING BATTERIES:** Flip up the battery compartment lid. Remove old batteries and replace with fresh ones noting polarity as shown in the battery compartment.

**SPECIFICATIONS:**

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| **Range:** | -20 to 220°F, -28 to 105°C |
| **Resolution:** | 1°F, 1°C |
| **Accuracy:** | ±1°F from 20 to 160°F, 1%F.S. beyond. ±1°C through the entire range |
| **Operating Temp**.: | 32 to 122°F, 0 to 50°C |
| **Battery/Life:** | 3pcs. 1.4V Eveready EP675E / 70 hrs (Silver Oxide battery may be substituted; use model 303. Typical life=50 hrs.) |
| **Size (meter only):** | 5.94"L x 1.65"W x 0.94"H (151 x 42 x 19 mm) |
| **Probe Size:** | Stem=4.5"L (115 mm) Overall=6.6"L (168 mm) Stem Dia.=0.125"(3.2 mm) |
| **Weight:** | 3.17 oz. (90 gm) (meter only) 0.25 oz. (7 gm) (probe only) |

**ERROR MESSAGES:**

**ER 1** means the batteries are low and should be replaced.
**OR** means the temperature is out of range or the probe is not fully inserted into the jack or is shorted.

**NOTE:** the probe is NOT interchangeable with other TempTestr probes and is NOT replaceable.