

| Specifications for pH PockeTesters |  |                        | Specifications for Specialty PockeTesters  |  |   |
|------------------------------------|--|------------------------|--|--|---|
| Model                              | pH PockeTester 10  | pH PockeTester 20      | Memory Thermometer   | ORP PockeTester  | Salt  |
| Code                               | 5-0103   | 5-0104                 | 5-0095   | 5-0079   | 5-0078  |
| Range                              | -1.0 to 15.0 pH; extended range  |                        | -10 to 200°F, 14 to 392°C  | -99 to 1000 mV   | 0 to 10.00 ppt salinity   |
| Resolution                         | 0.1 pH   | 0.01 pH                | 0.1°F to 199.9°, 1°C above 200°  | 1 mV   | 0.10 ppt salinity   |
| Accuracy                           | ±0.1 pH  | ±0.01 pH               | ±1.8°F / ±1.0°C  | ±2 mV  | ±10% full-scale   |
| Calibration                        | Select up to 3 points (4.0, 7.0, 10.0 or 4.01, 6.86, 9.18)   |                        | Factory calibrated; fine adjustment through keypad   | Offset calibration to ORP standard or work standard  | One-point with trimpot  |
| Operating Temp.                    | 32 to 122°F; 0 to 50°C   | 32 to 122°F; 0 to 50°C | 32 to 122°F; 0 to 50°C   | 32 to 122°F; 0 to 50°C   | 32 to 122°F; 0 to 50°C  |
| Temp. Comp.                        | Automatic (ATC) 0 to 50°C  |                        | -  | -  | Automatic (ATC) 0 to 50°C   |
| Special Functions                  | On/Off or Auto-Off after 8.5 min.; HOLD; CALibrate; CONfirm  |                        | On/Off or Auto-Off after 8.5 min.; HOLD; °F or °C scale selectable; factory calibration maintained when batteries are replaced | On/Off or Auto-Off after 8.5 min.; CALibrate; CONfirm; HOLD (HO) and HOLD/CANCEL (HC)                      |   |
| Power & Battery Life               | Four 1.5V alkaline button cell batteries (supplied), 500 hour use  |                        | Three 1.5V alkaline batteries (supplied), 20 hrs. use; Eveready A76BP, 100 hrs.; Eveready 303, 70 hrs. use                     | Three 1.5V alkaline batteries (supplied), 55 hrs. use; Eveready A76BP, 100 hrs.; Eveready 303, 70 hrs. use | Four 1.5V alkaline batteries (supplied), 55 hrs. use; Eveready A76BP, 100 hrs.; Eveready 303, 70 hrs. use |
| Dimensions/Weight                  | 8.5"L x 2.4"H x 2.5"(boxed); 6.5"L x 1.5"Dia. (unit only); 4.5 oz./125 gms (boxed); 3.25 oz/90 gms (unit only)<br>Memory Thermometer Probe: 4.3" x 0.14"; Top: 1.8"; weight 3 oz |                        |  |  |   |



| Specification for TDS & EC Waterproof PockeTester |  |           |            |
|---|--|-----------|------------|
| Model   | TDS  | EC Low    | EC High    |
| Code  | 5-0080   | 5-0082    | 5-0083     |
| Replacement Electrode                             | 5-0084   | 5-0084    | 5-0084     |
| Range   | 0-1990 ppm, 0-10.00 ppt  | 0-1990 μS | 0-19.90 mS |
| Resolution  | 10 ppm, 0.10 ppt   | 10 μS     | 0.1 mS     |
| Accuracy  | ±1%FS  |           |            |
| Calibration                                       | One-point, push-button calibration using buttons inside battery compartment  |           |            |
| Operating Temp.                                   | 32 to 122°F; 0 to 50°C   |           |            |
| Temp. Comp.                                       | Automatic (ATC) 0 to 50°C  |           |            |
| Special Functions                                 | Full reading displayed   |           |            |
| Power & Battery Life                              | Four 1.5V alkaline batteries (supplied), Eveready A76BP, 100 hours use; Eveready 303, 140 hours use  |           |            |
| Dimensions/Weight                                 | 8.5"L x 2.4"H x 2.5"(boxed); 6.5"L x 1.5"Dia. (unit only); 4.5 oz./125 gms (boxed); 3.25 oz/90 gms (unit only)<br>Memory Thermometer Probe: 4.3" x 0.14"; Top: 1.8"; weight 3 oz |           |            |



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PockeTesters





## pH PockeTester 10

Code 5-0103 (Replacement Electrode, Code 5-0097)

- $\pm 0.1$  pH accuracy

## pH PockeTester 20

Code 5-0104 (Replacement Electrode, Code 5-0097)

- $\pm 0.01$  pH accuracy

Both meters feature automatic temperature compensation, and buffer recognition for three point calibration based on US (pH 4.01, 7.00, 10.01) or NIST (pH 4.01, 6.86, 9.18) systems. The sensor is a double junction Ag/AgCl system with polymer gel. The IP67 rated housing features a 1.0625" display, which also displays diagnostic messages. Auto-off after 8.5 minutes to conserve battery life.



## Double Junction ORP PockeTester

Code 5-0079

- -99 to 1000 mV range
- Large surface area platinum band sensor
- 1 mV resolution,  $\pm 2$  mV accuracy
- HOLD function, Auto-off

## Salt PockeTester for Pools

Code 5-0078

- 0 – 10 ppt (0.10 ppt resolution)
- Calibration standard included

## “Min-Max” Memory Thermometer

Code 5-0095

- Range: 14 – 392°F or -10 – 200°C
- °F or °C selectable scale
- Recalls minimum and maximum temperature



## Microprocessor-Based Dual Range TDS PockeTester

- $\pm 1\%$  full-scale accuracy
- Automatic temperature compensation (ATC)
- Replacement electrode
- Push-button calibration
- Auto shut-off
- Full reading displayed - no need to multiply

| Model                 | Code   | Range/Resolution                       |
|-----------------------|--------|--|
| TDS Tester            | 5-0080 | 0-1990 ppm/10 ppm,<br>0-10.00 ppt/0.10 |
| Replacement Electrode | 5-0084 |  |

## Microprocessor-Based EC Conductivity PockeTesters

- $\pm 1\%$  full-scale accuracy
- Automatic temperature compensation (ATC)
- Replacement electrode
- Push-button calibration
- Auto shut-off
- Full reading displayed - no need to multiply

| Model                 | Code   | Range                                     |
|-----------------------|--------|---|
| EC Tester Low         | 5-0082 | 0-1990 $\mu$ S<br>(10 $\mu$ S resolution) |
| EC Tester High        | 5-0083 | 0-10.00 mS<br>(0.10 mS resolution)        |
| Replacement Electrode | 5-0084 |   |

## TempTestr® IR Meter

Code 5-0056 • Optional Carrying Case Code 5-0062

The convenience of non-contact temperature measurements, now with a laser sighting!

### Industrial/Electrical Applications:

Monitor steam systems, boiler operations, and motor/engine cooling systems performance; detect hot spots in electrical systems, panels, and motor bearings. Widely used in all types of industries such as food, veterinary, paper, rubber, textiles, gas/electric utilities, cement, chemical, pharmaceutical, asphalt, roofing, electronics, glass, plastics, metals, carpet/floor covering, tires and many more.

### Heating and Air Conditioning Applications

Monitor furnace and duct leakage; detect insulation breakdown; check ceilings, walls, and floors for proper room temperature, heat loss and gain.

### Food Safety Applications

Fast and convenient screening tool for both cold and hot foods for Food Safety and HACCP. No contamination or damage to the product. Easily take temperature of products moving on conveyors or hard-to-reach places. Verify equipment performance, sanitation and process temperature conditions. Scan cooling systems, refrigerated display cases, trucks and storage areas before loading and stacking.

### Agriculture Applications

Monitor plant temperature for stress, monitor animal bedding to detect spoiling.



|                        |  |
|------------------------|--|
| Range:                 | -18 to 260°C/0 to 500°F  |
| Resolution:            | 1°C/1°F  |
| Accuracy:              | 25 to 260°C (77 to 500°F): $\pm 2\%$ or $\pm 2^\circ\text{C}$ ( $\pm 3^\circ\text{F}$ ) whichever is greater<br>-1 to 25°C (30 to 77°F): $\pm 3^\circ\text{C}$ ( $\pm 5^\circ\text{F}$ )<br>-18 to -1°C (0 to 30°F): $\pm 4^\circ\text{C}$ ( $\pm 7^\circ\text{F}$ ) |
| Repeatability:         | $\pm 2\%$ of reading, or $\pm 2^\circ\text{C}$ ( $\pm 3^\circ\text{F}$ )   |
| Operating Temperature: | 0 to 50°C (32 to 120°F)<br>10 to 95% RH noncondensing, at up to 30°C (86°F)  |
| Storage Temperature:   | -20 to 65°C (-4 to 150°F) without battery  |
| Response Time:         | 500mSec, 95% response  |
| Spectral Response:     | 7 to 18mm  |
| Emissivity:            | pre-set at 0.95  |
| Distance-to-Spot Size™ | 6:1  |
| Power:                 | One 9V alkaline or NiCd battery  |