

## Oakton PCD 650 pH/Con/DO Meter

Expanded range, resolution, and accuracy, plus increased memory and advanced communications! pH range is from -2.000 to 19.999 with accuracies up to  $\pm 0.002$ . Multi parameter meter measures conductivity (up to 500 mS), TDS, salinity, or resistivity. Linear or pure-water temperature compensation curve provides accurate data at all levels of conductivity. Determines oxygen saturation up to 600% and concentration up to 90 mg/L. The galvanic dissolved oxygen probe does not require any warm-up time so you can take readings immediately. Salinity correction is automatically compensated for after manual input of concentration. Barometric pressure is automatically compensated for by the included barometer.



### Specifications

#### pH

Range: -2.000 to 20.000 pH

Resolution: 0.1/0.01/0.001 pH &  $\pm 0.002$  pH

#### DO

Range: 0 to 90.00 mg/L or ppm / 0 to 600%

Resolution: 0.01 mg/L or ppm / 0.1% ;  $\pm 0.2$ mg/L /  $\pm 0.2\%$

#### Conductivity

Range: .. to 500 mS/cm

Resolution: 0.05% FS &  $\pm 1\%$  FS + 1 LSD

Cell Constant: 0.010 to 10.000

#### TDS

Range: .. to 500.0 ppt

Resolution: 0.05% FS &  $\pm 1\%$  FS +1 LSD

#### Salinity

Range: 0 to 80 ppt

Resolution: 0.05% FS &  $\pm 1\%$  FS +1 LSD

#### Temperature

Range: -10.0 to 110.0 °C / 14.0 to 230.0 °F (Meter)

Resolution: 0.1 °C/°F &  $\pm 0.5^\circ\text{C}/\pm 0.9^\circ\text{F}$

#### Power

4 X 1.5 V "AA" Alkaline batteries or 9 V DC adapter,  
500 mA

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### Applications

- **Environmental:** Test water quality, monitor health of aquatic ecosystems, survey surface and ground water drinking supplies, and meet EPA regulations.
- **Water Quality Testing:** For analyzing hard water, untreated water, drinking water, effluent water, pool water and incoming process water. Ideal for all types of quality assurance and water quality testing.
- **Industrial:** For checking metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, re-circulating systems, waste water and industrial process systems. Useful for food analysis and quality assurance testing.
- **Aquaculture:** Use to monitor oxygen levels in catfish and shrimp farming; game stocking ponds; ornamental fish tanks and ponds; and other fish farming applications.

### Kit Contents

- Meter
- pH electrode
- Conductivity electrode & DO electrode
- Carrying case
- Manual
- Extra batteries

### Accessories

- Calibrations buffers and standards
- Kim Wipes
- Rite in the rain paper and notebooks
- Nitrile gloves
- Disposable cups