

# Bioreactor Accessories

## Polarographic DO Probe Tester

### Polarographic DO Probe Tester Features

- Handheld unit designed for testing Polarographic Dissolved Oxygen probes prior to transmitter calibration.
- When connected to probe the LCD display will provide the nA value enabling operator to qualify probe status.
- Probe Zero and Span ranges can be verified by exposing the probe membrane to 100% N<sub>2</sub> and 100% Air respectively and recording the nA values.
- Tester can be used on probes in-situ during a production run without compromising sterility.
- Unit has power switch with battery test.
- Easy to replace standard 9V battery can be accessed from a removable back panel.
- Probe tester can also double as a probe polarizer, but such use will diminish battery life.
- Unit supplied with detailed probe testing and troubleshooting guide.

### Specifications (VDOT-500P)

- Power Requirements - 9V Battery (Supplied) .
- Range - 0 to 500 nA.
- Resolution - 1 nA.
- Accuracy - +/- 1 nA.
- Zero - +/- 1 nA.
- Input Impedance - 100 KΩ.
- Display Type - Liquid Crystal.
- Battery Test - 100% = 9V.
- Battery Range - 80 to 110%\*
- Battery Nominal Draw- 20 mA Max.

\*NOTE: Unit should not be used if battery test level is below 80%.  
Battery replacement is required.



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