

TDS Meter Comparison Chart

| TDS Meter Features | HM Digital COM-100 TDS Meter | HANNA DIST 5/6 | OAKTON TDS/EC Testr Series | MILWAUKEE Sharp Waterproof Series |
|---|------------------------------|--------------------------|----------------------------|-----------------------------------|
| Three True Scale EC-to-TDS conversion factors | <input type="checkbox"/> | | | |
| Three True Scale ATC coefficients | <input type="checkbox"/> | | | |
| Calibration allowable to any point within range | <input type="checkbox"/> | | | |
| Wide Range | <input type="checkbox"/> | | | |
| Auto-Ranging | <input type="checkbox"/> | | | |
| 0.1 ppm// μ S resolution | <input type="checkbox"/> | | <input type="checkbox"/> | |
| EC & TDS Readings | <input type="checkbox"/> | <input type="checkbox"/> | | |
| On-screen Temperature Display | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Temperature | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Digital Calibration | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Replaceable Electrodes | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Waterproof | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Comparison Chart of Waterproof EC/TDS Meters under \$100



| Parameter Ranges | HM Digital COM-100 TDS Meter | HANNA DIST 5/6 | | OAKTON TDS/EC Testr Series | | | | | MILWAUKEE Sharp Waterproof Series | | | |
|-------------------------------------|---------------------------------------|----------------------------|------------|--------------------------------|------------|-------------|------------|-------------|---|---------|------------|-----------|
| | Fresh Water Price \$59.95 | DIST 5 | DIST 6 | Big Display Plus EC/TDS Testrs | | | | | C65 | C66 | T75 | T76 |
| | | | | Pure+ | High | Pure+ | Low | High | | | | |
| EC | 0-9990 µS | 0-3999 µS | 0-20.00mS | 0-199.9 µS | 0-19.99 mS | - | - | - | 0-1999 µS | 0-10 mS | - | - |
| TDS | 0-8560 ppm | 0-2000 ppm | 0-10.00ppt | - | - | 0-199.9 ppm | 0-1999 ppm | 0-10.00 ppt | - | - | 0-1999 ppm | 0-999 ppm |
| Salinity | - | - | - | - | | | | | - | | | |
| Temperature | 0-80°C, 32-176°F; .1° | 0-60°C, 32-140°F; .1° | | 0-50°C, 32-122°F; .1° | | | | | - | | | |
| Auto-Ranging | YES | - | | - | | | | | - | | | |
| Accuracy (non-temp) | +/- 2% | +/- 2% | | +/- 1% F.S. | | | | | +/- 2% | | | |
| Resolution | .1, 1, 10ppm/µS | 1ppm/µS | .01 ppt/mS | 0.1 µS | 0.1 mS | 0.1 ppm | 1 ppm | 0.01 ppt | 1 µS | 0.01 mS | 1 ppm | 10 ppm |
| Calibration | Auto-Range Digital to any value | Auto to 1 value | | Digital @ 1 Point (200-1900) | | | | | Manual to 1 Value | | | |
| EC-to-TDS Conversion Factors | True non-linear KCl, 442, NaCl ratios | Static Ratios (0.45 - 1.0) | | Static Ratios (0.40-1.0) | | | | | - | | | |
| ATC coefficients | 2 scales for KCl, 442, NaCl | Adjustable from 0 to 2.4 | | Automatic (set) | | | | | Automatic (set) | | | |
| Waterproof / Floats | YES - FLOATS | YES - FLOATS | | YES - FLOATS | | | | | YES | | | |
| Electrodes | Replaceable Platinum | Replaceable Graphite | | Replaceable Graphite | | | | | Replaceable Steel | | | |
| Memory | Simple Data Hold | Simple Date Hold | | Simple Data Hold | | | | | - | | | |
| Temperature Display | Simultaneous (C/F) | Simultaneous (C/F) | | Simultaneous (C/F) | | | | | - | | | |
| Display Size | 17 x 23 mm | 22 x 20 mm | | 21 x 27 mm | | | | | 9 x 19 mm | | | |
| Unit Size | 185 x 34 x 34 mm | 163 x 40 x 26 mm | | 165 x 38 x 38 mm | | | | | 178 x 25 x 25 mm | | | |
| Batteries | 3 x 1.5 volts | 4 x 1.5 volts | | 4 x 1.5 volts | | | | | 3 x 1.5 volts | | | |
| Low Battery Indicator | YES | YES | | YES | | | | | - | | | |
| Auto-Shut Off | After 5 Minutes | After 8 Minutes | | After 8.5 Minutes | | | | | - | | | |
| Extras | Lanyard - Case | Probe Removal Tool | | Plastic Storage Case | | | | | Case, Cal. Solution & Screwdriver | | | |
| Warranty | One Year | One Year (6 mos. Probe) | | One Year (6 mos. Probe) | | | | | 2 Years | | | |
| List Price | \$75.00 | \$86.00 | | \$89.95 | | | | | \$62.00 | | | |