

## Hanna 5000 Series Research Grade Meters Continued



## DO/BOD Meter

- Single input channel
- Six measurement parameters: DO, BOD, OUR, SOUR, pressure and temperature
- Supplied with HI-76483 DO probe, electrode holder, 30mL electrolyte solution, 2 x DO membrane caps, power adapter, quality certificate and instructions

Specifications	
DO	0.00 to 90.00ppm; 0.0 to 600.0% saturation, $\pm 1.5\%$ of reading $\pm 1$ digit
Barometric Pressure	450 to 850mmHg; 560 to 1133mBar, $\pm 3$ mmHg within +1 least significant digit
Temperature	-20.0 to 120°C, $\pm 0.2^\circ\text{C}$ (without probe)



Code	Alt Ref	Description	Price
PHM3076	HI-5421-02	Research grade DO, BOD, OUR, SOUR, pressure and temperature meter	£924.00

## pH/ORP/EC/TDS/Resistivity Meters

- Two input channels: one for potentiometric sensors, the other for electrolytic conductivity
- Eight measurement parameters: pH, mV, ISE (HI5522 only), conductivity, resistivity, TDS, salinity and temperature
- Application for water for injection follows the USP 645 protocol
- Supplied with HI-76312 EC/TDS probe, HI-1131B pH electrode, HI-7662-T temperature probe, pH 4.01 and 7.01 buffer sachets, electrode cleaning solution sachet, 30mL electrolyte solution (30mL), electrode holder, power adapter, and instructions

Specifications	
pH	-2.0 to 20.0; -2.00 to 20.00; -2.000 to 20.000, $\pm 0.1$ ; $\pm 0.01$ ; $\pm 0.002 \pm 1$ LSD
mV	$\pm 2000$ , $\pm 0.2 \pm 1$ LSD
Temperature	-20.0 to 120°C, $\pm 0.2^\circ\text{C}$ (without probe)
EC	0.000 to 9.999 $\mu\text{S}/\text{cm}$ ; 10.00 to 99.99 $\mu\text{S}/\text{cm}$ ; 100.0 to 999.9 $\mu\text{S}/\text{cm}$ ; 1.000 to 9.999mS/cm; 10.00 to 99.99mS/cm; 100.0 to 1000.0mS/cm absolute EC, $\pm 1\%$ of reading ( $\pm 0.01\mu\text{S}/\text{cm}$ )
TDS	0.000 to 9.999ppm; 10.00 to 99.99ppm; 100.0 to 999.9ppm; 1.000 to 9.999ppt; 10.00 to 99.99ppt; 100.0 to 400.0ppt actual TDS (with 1.00 factor), $\pm 1\%$ of reading ( $\pm 0.01\text{ppm}$ )
Resistivity	1.0 to 99.9 $\Omega\text{-cm}$ ; 100 to 999 $\Omega\text{-cm}$ ; 1.00 to 9.99k $\Omega\text{-cm}$ ; 10.0 to 99.9k $\Omega\text{-cm}$ ; 100 to 999k $\Omega\text{-cm}$ ; 1.00 to 9.99M $\Omega\text{-cm}$ ; 10.0 to 100.0M $\Omega\text{-cm}$ , $\pm 2\%$ of reading ( $\pm 10\text{-cm}$ )
Salinity	Practical scale: 0.00 to 42.00psu; natural sea water scale: 0.00 to 80.00ppt; percent scale: 0.0 to 400.0%, $\pm 1\%$ of reading
ISE (PHM3080 only)	$1 \times 10^{-6}$ to $9.99 \times 10^{10}$ concentration, $\pm 0.5\%$ (monovalent ions); $\pm 1\%$ (divalent ions)



Code	Alt Ref	Description	Price
PHM3078	HI-5521-02	Research grade pH, mV, conductivity, resistivity, TDS, salinity and temperature meter	£924.00
PHM3080	HI-5522-02	Research grade pH, mV, ISE, conductivity, resistivity, TDS, salinity and temperature meter	£1028.00