

## HQd Benchtop Meters

All the benefits of the digital HQd system, with simplified data transfer and easy-to-read results on a large, backlit screen.



<b>Parameter</b>	<b>HQ411d DEDICATED pH/mV BENCHTOP METER</b>	<b>HQ430d SINGLE INPUT MULTI-PARAMETER BENCHTOP METER</b>	<b>HQ440d DUAL INPUT MULTI-PARAMETER BENCHTOP METER</b>
Temperature	■	■	■
pH -Glass	■	■	■
mV	■	■	■
Conductivity		■	■
TDS		■	■
Salinity		■	■
Resistivity		■	■
DO - Luminescent (LDO) DO - BOD Probe (with LDO)		■	■
ORP/Redox	■	■	■
Ammonia		■	■
Nitrate		■	■
Fluoride		■	■
Sodium		■	■
Chloride		■	■
Ammonium		■	■
<b>Product Number</b>	<b>HQ411D</b>	<b>HQ430D</b>	<b>HQ440D</b>

## HQd Benchtop Meter Specifications

### Power

115/230V w/ Universal Power Adapter Kit

### Optional/Backup Power

4 AA batteries (Battery life: up to 200 hours)

### Languages

Selectable: English, French, German, Italian, Spanish, Danish, Dutch, Polish, Portuguese, Turkish, Swedish, Czech, Russian

### Display

Backlit Graphical LCD  
Display readings from one or two probes  
Simultaneous readings from two probes (HQ440d only)

*pH Display:* pH, mV, temperature

*Conductivity Display:* Conductivity, TDS, salinity, resistivity, temperature

*LDO/LBOD Display:* dissolved oxygen, pressure, temperature

*ORP/Redox Display:* mV, temperature

*ISE Display:* Concentration, mV, temperature

### Data Memory

500 results

### Data Storage

GLP/ISO compliant data stored with calibration details. Calibration and check standard data stored in data log. Automatically store in “press to read” mode and interval measurement mode. Manually store in “continuous read” mode.

### Connections

Integrated USB type A (USB flash memory device, printer, keyboard) Integrated USB type B (PC)

### Data Export

Download via USB connection to PC or flash memory device. Automatically transfer entire data log or as readings are taken.

### Communication

Direct to PC (Bi-directional) via USB Virtual Serial Port

### Temperature Correction/Compensation

Off, automatic, and manual (auto correction is parameter dependent)

### Display Lock Function

Continuous measurement or “press to read” mode available with averaging function for LDO measurement

### Automatic pH Buffer Recognition

*Color-coded:* 4.01, 7.00, 10.01 pH;  
*IUPAC:* 1.679, 4.005, 7.000, 10.012, 12.45  
*DIN:* 1.09, 4.65, 9.23  
User-defined custom buffer sets

### Keyboard

External PC keyboard via USB connection

### Water Resistance

Meter Casing: Spray-resistant and dust resistant (IP54)

### Dimensions

23.5 x 17.5 x 8.6 cm (9.3 x 6.9 x 3.4 in.)

### Weight

Approx 750g (1.87 lbs)