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## Hach HQ430D Multi-Parameter Meter

[Description](#)

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Auto-buffer recognition:Yes

Barometric pressure measurement:Automatic compensation of DO when using an LDO or LBOD probe

Calibration intervals/alerts/reminder:Off, Selectable from 2 hours to 7 days

Casing IP rating:IP54 (Resistant to spray of water; Dust-proof)

Communication:Integrated USB type A (for USB 2.0 flash memory device, printer, keyboard) and Integrated USB type B (for PC)

Compliance certifications:CE.WEEE

Conductivity calibration:Demal (1D/ 0.1D/ 0.01D);

Molar (0.1M/ 0.01M/0.001M);

NaCl (0.05%; 25µS/cm; 1000µS/cm; 18mS/cm);

Standard sea water;

User defined

Conductivity measurement: Temperature correction:None; Linear; NaCl Non-Linear Natural Water.

Conductivity measurement at stable reading:Yes

Conductivity measurement range:0.01 µS/cm - 200.0 mS/cm

Conductivity resolution:0.01 µS/cm - 0.1 mS/cm upon selected measuring range

Contents:Meter only

Custom calibration standards:Yes

Data storage:500 records/FIFO

Automatic, GLP ISO compliant reading data stored with calibration details.  
Dimensions:859 x 175 x 235 mm  
Display:Detailed mode/Large mode  
Display type:440 x 160 pixel LCD with backlight illumination  
DO measurement range:0.1 - 20.0 mg/L (ppm) 1 - 200% saturation  
DO resolution:0.1  
DO sensor calibration:

- 100% (water-saturated air (100%) calibration
- 100% with 0 (water-saturated air (100%) calibration with 0 point
- mg/L (calibration with a specified dissolved oxygen concentration (mg/L) solution)
- mg/L with 0 (calibration with a specified dissolved oxygen concentration (mg/L) solution with 0 point)
- Factory (calibration with the default LDO calibration)

Electrode Holder:No  
Electrode stand:Optional  
Environmental conditions: relative humidity:90 % relative humidity (non-condensing)  
Environmental conditions: temperature:0 - +60 °C (32 - 140 °F)  
GLP features:Date; Time; Sample ID; Operator ID  
Includes:Meter package includes HQ430D Laboratory Single Input, Multi-Parameter Meter - pH, Conductivity, Optical Dissolved Oxygen, ORP, and ISE, 4 AA batteries, universal power adapter, USB cable for data transfer, quick start guide and user manual  
Instrument:Bench  
ISE direct measurement:Yes  
ISE electrode calibration:2 - 5 points  
Kit?:No  
Languages user interface:English, French, German, Italian, Spanish, Danish, Dutch, Polish, Portuguese, Turkish, Swedish, Czech, Russian  
Lock function:Continuous / Auto-stabilization ("press to read") / At Interval  
Measurement method:Probe specific programmed method settings  
Model:HQ430D – Multi/1 Channel  
mV measurement at stable reading:Yes  
mV measurement range:-1500 - 1500 mV  
mV resolution:0.1 mV  
Needed Cable Length:NA  
Operating error messages:Clear text error messages displayed  
Operating Interface:Soft Touch Keypad  
ORP electrode calibration:Predefined ORP standards (including Zobell's solution)  
Parameter:pH/Oxydo Reduction Potential (ORP)  
Conductivity/Total Dissolved Solid (TDS)/Salinity/Resistivity  
Dissolved Oxygen (DO)  
Biochemical Oxygen Demand (BOD)  
Ion Selective Electrode (ISE): Ammonia, Ammonium, Chloride, Fluoride, Nitrate, Sodium  
PC data transfer software :HQd Series Meter Data Transfer Utility  
pH Buffer Sets:Color-coded: 4.01, 7.00, 10.01 pH;  
IUPAC: 1.679, 4.005, 7.000, 10.012, 12.45 pH  
DIN: 1.09, 4.65, 9.23 pH  
User-defined custom buffer sets  
pH Electrode calibration:1 - 3 Calibration points  
Calibration summary data logged and displayed  
pH Measurement Range:0 - 14 pH  
pH Resolution:Selectable:  
0.001/0.01/0.1 pH  
Printer:Yes, Optional  
Probes included?:None  
Region:EU  
Resistivity measurement:2.5 ?.cm - 49 M?.cm

Resolution:0.01 mg/L - 0.1 g/L upon measuring range.

0.1

Salinity measurement range:0 - 42 (ppt) (‰)

Salinity resolution:0.01 (ppt) (‰)

Sensors:Sensor A: NA

Sensor B: NA

Sensor C: NA

TDS measurement range:0.00 mg/L - 50.0 g/L as NaCl

Temperature compensation:Automatic Temperature compensation for pH

Temperature measurement range:°C or °F

Temperature range:-10°C - 110 °C

Temperature resolution:0.1

Type of Measurement:Lab Water Quality applications.

Warranty:3 years

Weight:750 g (1.65 lb) without batterie; 850 g (1.87 lb) with batteries

What's included?:Meter package includes HQ430D Laboratory Single Input, Multi-Parameter Meter - pH, Conductivity, Optical Dissolved Oxygen, ORP, and ISE, 4 AA batteries, universal power adapter, USB cable for data transfer, quick start guide and user manual

## Ordering Information

Code	Description	Price	
HQ430D.98.00002	HQ430D Multi-Parameter Meter	POA	<a href="#">Enquire Now</a>
HQ430D.98.00012	HQ430D Multi-Parameter Meter with Stand	POA	<a href="#">Enquire Now</a>

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