

HQ30D Digital multi meter kit, pH Gel & Cond. electrode, Outdoor, 5m

Produktnr: **HQ30D.99.105205**

UTGÅNGEN ARTIKEL
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Rugged portable meters for use in the field and plant.

Portable single channel multi meter for pH, ORP, conductivity, TDS, Resistivity, Salinity and LDO. Instrument with Outdoor pH Gel electrode and Outdoor Conductivity cell, cable length 5m.

The digital meter/electrode system combines reliability, flexibility and ease of use. Interchangeable Intellical electrodes are recognised automatically and store all relevant data. Rugged, nearly indestructible outdoor versions with multiple cable lengths enable measurements even at previously inaccessible locations.

Replaced by NEW HQ Series.

Outstanding reliability and simple handling

Versatile electrodes for all applications, e.g. wastewater, drinking water, process water

Reliable results from inaccessible measurement locations and over long distances - even for pH

Error-free O_2 results - without calibration or replacing the electrolyte

Full GLP data management

Specifikationer

AC- och USB-drift:	Optional
Användargränssnitt:	Soft Touch Keypad
Användningsfelmeddelanden:	Clear text error messages displayed
Automatisk buffertidentifiering:	Yes
Barometertrycksmätning :	Automatic compensation of DO when using an LDO or LBOD probe
CDC-elektrodkalibrering:	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

Certifieringar:	CE.WEEE
Dataexport:	Download via USB connection to PC or flash memory device. Automatically transfer entire data log or as readings are taken. Power supply adapter required.
Datalagring:	Automatic, GLP ISO compliant reading data stored with batteriescalibration details.
Datalagring/minne:	500 records/FIFO
Direkt ISE-mätning:	Yes
Display :	Detailed mode/Large mode
Displaylåsfunktion:	Continuous / Auto-stabilization ("press to read") / At Interval
Displaytyp:	240 x 160 pixel LCD with batteriesbacklight illumination
DO-elektrodkalibrering:	* 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)
DO-mätning:	0.1 to 20.0 mg/L (ppm) 1 to 200% saturation
DO-upplösning:	0.01 mg/L eller 0.1 % DO-mättnad
Egna kalibreringsstandarder:	Yes
Fast buffertval:	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
Garanti :	36 månader
Givare ingår:	PHC10105, CDC40105
Givartyp:	Intellical Digital SMART Standard Laboratory or Rugged Field
GLP-funktioner:	Date; Time; Sample ID; Operator ID
Ingångar:	1
Innehåll:	No
Instrument:	Portable
ISE-elektrodkalibrering:	2 to 5 Points
Kalibreringsintervall/varningar/påminnelse :	Av, kan väljas från 2 timmar till 7 dagar
Kapslingens Skyddsklass IP:	IP67
Kit?:	Ja
Konduktivitet, noggrannhet:	± 0.5 in (1µS/cm - 200mS/cm) range
Konduktivitet, upplösning:	0.01 µS/cm - 0.1 mS/cm upon selected measuring range
Leveransomfattning:	Meter package includes HQ30D Portable Meter; 4 AA batteries, PHC101 Rugged Gel pH Electrode, 5 m cable; CDC401 Rugged 4-Poles Graphite Conductivity Cell, 5 m Cable; quick-start guide and user manuals; Standard Field case; Protective Glove for Portable HQd Meter; 120 mL Sample Container (x5); Singlet™ pH 4 & 7 Buffer pouches 10 of each; Sodium Chloride Standard Solution, 491 mg/L NaCl (1000 µS/cm), 100 mL
Mätmetod:	Probe specific programmed method settings
Mätning av konduktivitet:	0.01 µS/cm - 200.0 mS/cm
Mätning av konduktivitet på stabil avläsning:	Yes

Mätning av konduktivitet: Temperaturkompensering:	None; Linear; NaCl Non-Linear Natural Water.
Modell:	HQ30D – Multi/1 kanal
mV-mätning :	-1500 - 1500 mV
mV-mätning vid stabil avläsning :	Yes
mV-upplösning :	0.1 mV
Needed Cable Length:	5
Omgivningsförhållande: relativ luftfuktighet :	90 % relative humidity (non-condensing)
Omgivningsförhållande: temperatur :	0 - 60 °C (32 - 140 °F)
ORP/redox-elektrodkalibrering:	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
Parameters:	pH
	Conductivity
	NA
PC data transfer software :	HQD Series Meter Data Transfer Utility
pH Accuracy:	± 0,002 pH
pH Electrode calibration:	1 - 3 Calibration points
	Calibration summary data logged and displayed
pH Measurement Range:	0 - 14 pH
pH-upplösning :	Valbart mellan 0.001 - 0.1 pH
Printer:	Yes, Optional
Resistivitetsmätning:	2,5 Ωcm - 49 MΩcm
Salinitetsmätning:	0 - 42 (ppt) (‰)
Salinity resolution:	0.01 (ppt) (‰)
Sensor A:	PHC10105 (5 m rugged)
Sensor B:	CDC40105 (5 m rugged)
Sensor C:	NA
Sensors:	Sensor A: PHC10105
	Sensor B: CDC40105
	Sensor C:
Simultaneous measurements:	Yes, 2 channels
Språk:	English, French, German, Italian, Spanish, Danish, Dutch, Polish, Portuguese, Turkish, Swedish, Czech, Russian
TDS-mätning:	0,0 - 50,0 mg/L
TDS-noggrannhet:	0.01 mg/L up - 0.1 g/L upon measuring range
Temperaturkompensation:	Automatisk temperaturkompensering för pH

Temperaturmätning:	°C or °F
Temperaturnoggrannhet:	± 0,3 °C
Temperaturupplösning :	0,1 °C
Type of measurement:	Field Measurements
Upplösning:	± 0,5 % inom området (1 µS/cm–200 mS/cm)
Vad ingår i leveransen:	Meter package includes HQ30D Portable Meter; 4 AA batteries, PHC101 Rugged Gel pH Electrode, 5 m cable; CDC401 Rugged 4-Poles Graphite Conductivity Cell, 5 m Cable; quick-start guide and user manuals; Standard Field case; Protective Glove for Portable HQd Meter; 120 mL Sample Container (x5); Singlet pH 4 & 7 Buffer pouches 10 of each; Sodium Chloride Standard Solution, 491 mg/L NaCl (1000 µS/cm), 100 mL
Vikt :	352 g (0.75 lb) without batteries; 430 g (0.95 lb) with batteries

Vad finns i förpackningen

Meter package includes HQ30D Portable Meter; 4 AA batteries, PHC101 Rugged Gel pH Electrode, 5 m cable; CDC401 Rugged 4-Poles Graphite Conductivity Cell, 5 m Cable; quick-start guide and user manuals; Standard Field case; Protective Glove for Portable HQd Meter; 120 mL Sample Container (x5); Singlet pH 4 & 7 Buffer pouches 10 of each; Sodium Chloride Standard Solution, 491 mg/L NaCl (1000 µS/cm), 100 mL