



Portable Conductivity/TDS Meters



CDH-46
\$476
 Includes Electrode
 and Carrying Case



- ✓ Measures Conductivity and TDS
- ✓ Multirange Capability
- ✓ Rugged Conductivity Sensor

CDH-42
\$476
 Includes Electrode
 and Carrying Case



Specifications

Range:
CDH-42: 10, 100, 1000, 10,000 μmho ;
 7, 70, 700, 7000 mg/L
CDH-46: 100, 1000, 10,000, 100,000
 μmho ; 70, 700, 7000, 70,000 mg/L
Accuracy: $\pm 2.5\%$ FS
Resolution:
CDH-42: 0.01, 0.1, 1,
 10 μS or mg/L ;
CDH-46: 0.1, 1, 10, 100 μS or mg/L
Temperature Compensation:
 Manual, 0 to 100°C (32 to 212°F)

Connector: BNC
Power: 9 V battery (included)
Dimensions:
Meter: 146 H x 88.9 W x 38.1 mm D
 (5 7/8 x 3 1/2 x 1 1/2")
Probe: 152 mm L x 12.7 mm D
 (6 x 1/2")
Weight: 0.98 kg (2.16 lb)

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)		
Model No.	Price	Description
CDH-42	\$476	Conductivity/TDS meter supplied with probe and carrying case (range: 10 to 10,000 μS ; 7 to 7000 mg/L)
CDH-46	476	Conductivity/TDS meter supplied with probe and carrying case (range: 100 to 100,000 μS ; 70 to 70,000 mg/L)
CDE-42-R	149	Replacement conductivity probe for CDH-42 and CDH-46, 1.0 cell constant

Comes with probe, carrying case and complete operator's manual.

Ordering Examples: CDH-42, conductivity/TDS meter, and CDE-42-R, replacement probe, \$476 + 149 = \$625. CDH-46, conductivity/TDS meter, and CDSA-4500, standard solution, \$476 + 10 = \$486.

The CDH-42 and CDH-46 are portable, multirange conductivity/TDS (total dissolved solids) meters. These rugged, low-cost instruments are ideal for both laboratory and field applications. They read conductivity in μS or TDS in mg/L (ppm). A simple selector switch allows the user to change quickly from conductivity to TDS and vice versa. Both units are range selectable for increased accuracy. The CDH-42 measures conductivity from 10 to 10,000 μmho and TDS from 7 to 7000 mg/L . The CDH-46 measures conductivity from 100 to 100,000 μmho and TDS from 70 to 70,000 mg/L .

The CDH-42 and CDH-46 come with a durable polymer-bodied conductivity cell with carbon electrodes, which helps resist coating and fouling and allows for easy cleaning. The conductivity probe has a cell constant of 1.0, a 3/4 m long (2 1/2") cable, and a BNC connector for quick disconnections. Both units are sold as kits that include meter, conductivity probe, and vinyl carrying case.

Conductivity Standardizing Solutions

Model No.	Price	Description
CDSA-45	\$10	45 $\mu\text{S/cm}$ solution
CDSA-450	10	450 $\mu\text{S/cm}$ solution
CDSA-1500	10	1500 $\mu\text{S/cm}$ solution
CDSA-4500	10	4500 $\mu\text{S/cm}$ solution



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters