



## Water-Resistant Conductivity/TDS Meters with Visual Alarm

### CDH-721

- ✓ Automatic Temperature Compensation
- ✓ Selectable Setpoint and Red LED Alarm
- ✓ External 12 Vdc Power Supply
- ✓ Molded Hook for Quick Installation

The CDH-720 and TDS-720 Series water-resistant conductivity/TDS meters are OMEGA's reply to requests of accurate, low maintenance process monitoring equipment at affordable costs.

Four different models are available to cover all applications. Each meter is supplied with a direct 2 pin probe and 2 m (6.6') cable with a 1/2" thread for flow-thru mounting. The probe has a temperature sensor that will automatically compensate against temperature changes from 5 to 50°C (41 to 122°F) with a  $\beta$  of 2% per degree.

In the measurement mode, a red LED will warn the user in the event the reading is outside of the alarm interval. A front trimmer allows manual calibration at 1 point. The electrical circuitry is tightly sealed inside the water-resistant enclosure.

In addition, thanks to the molded hook, the CDH-720 and TDS-720 Series can be easily and quickly installed anywhere. The specially designed casing is stable and will not roll off a table. The 12 Vdc power supply makes it ideal for continuous monitoring over extended periods of time.

### Specifications

- Range:**  
 CDH-721: 0 to 1990  $\mu$ S/cm  
 TDS-721: 0 to 1990 ppm (mg/L)  
 CDH-722: 0.00 to 9.99 mS/cm  
 TDS-722: 0.00 to 9.99 ppt (g/L)
- Resolution:**  
 CDH-721: 10  $\mu$ S/cm  
 TDS-721: 10 ppm  
 CDH-722: 0.01 mS/cm  
 TDS-722: 0.01 ppt
- Accuracy (@68°F):**  $\pm 2\%$  full scale
- Calibration:** Manual single point through front trimmer
- Setpoint:**  
 CDH-721: 200 to 1600  $\mu$ S/cm  
 TDS-721: 200 to 1600 ppm  
 CDH-722: 0.70 to 3.50 mS/cm  
 TDS-722: 0.70 to 3.50 ppt
- Alarm:**  
 CDH-721: 100  $\mu$ S/cm over setpoint  
 TDS-721: outside setpoint by more than  $\pm 100$  ppm  
 CDH-722: outside setpoint by more than  $\pm 0.2$  mS/cm  
 TDS-722: outside setpoint by more than  $\pm 0.2$  ppt
- Probe:**  
 CDH-721: CDE-721  
 TDS-721: CDE-721  
 CDH-722: CDE-722  
 TDS-722: CDE-722
- Power Supply:** External 12 Vdc (included)
- Environment:**  
 0 to 50°C (32 to 122°F); RH 100%
- Dimensions:** 86 L x 94 W x 33 mm D (3.4 x 3.7 x 1.3")
- Weight:** 150 g (5.3 oz.)



CDE-722 replacement conductivity/TDS probe, shown larger than actual size.



CDH-721 conductivity meter with visual alarm, shown larger than actual size.

Comes complete with probe\*, 12 Vdc adapter and operator's manual.

### To Order

Model No.	Description
CDH-721	Conductivity meter with visual alarm, 0 to 1990 $\mu$ S/cm
CDH-722	Conductivity meter with visual alarm, 0.00 to 9.99 mS/cm
TDS-721	TDS meter with visual alarm, 0 to 1990 ppm
TDS-722	TDS meter with visual alarm, 0.00 to 9.99 ppt
CDE-721	Replacement conductivity/TDS probe, 1/2 NPT, for CDH-721 and TDS-721
CDE-722	Replacement conductivity/TDS probe, 1/2 NPT, for CDH-722 and TDS-722
CDE-723	Replacement conductivity/TDS probe, 3/4 NPT, for CDH-721 and TDS-721
CDE-724	Replacement conductivity/TDS probe, 3/4 NPT, for CDH-722 and TDS-722
CDSA-450	450 microSiemen conductivity standard, 1 QT
CDSA-1500	1500 microSiemen conductivity standard, 1 QT
CDSA-4500	4500 microSiemen conductivity standard, 1 QT

\*All probes come with 2 m (6.6') cable and 1/2" or 3/4" thread for flow-thru mounting.

Comes complete with probe, 12 Vdc adapter and complete operator's manual.

Ordering Examples: CDH-721, conductivity meter with visual alarm. TDS-722, total dissolved solids meter with alarm.