

pH and Conductivity Meter pH/CON 510

- Toggle between pH, mV, conductivity and TDS readings
- Dual display shows both measured parameter and temperature (°C/°F)
- Easy push-button calibration
- Advanced set up mode
- Built-in electrode holder arm
- pH auto buffer recognition
- Selectable auto or manual ranging for conductivity and TDS measurements
- Adjustable conductivity-to-TDS conversion factor and temperature coefficient
- Selectable Manual or Automatic Temperature Compensation
- Selectable automatic endpoint
- Hold function, "Ready" indicator, diagnostic error messages
- Slide-out instruction card for quick reference



Application

Environmental/Agricultural: Use in ecology studies, aquaculture, and hydroponics.

Industrial: Use to check metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, and wastewater.

Water Quality Testing: Use to analyze hard water, drinking water, effluent water, and incoming process water. It's ideal for all types of quality assurance and water quality testing.

Laboratory: Use in all types of food analysis, quality assurance testing, and any lab where GLP data management is required.

Educational: This economical meter is ideal for quick pH, conductivity, and TDS checks in labs and schools.

Specifications

Range	
Conductivity	0.00 to 19.99 μ S; 0.0 to 199.9 μ S; 0 to 1999 μ S; 0.00 to 19.99 mS; 0.0 to 199.9 mS
TDS	0.00 to 9.99ppm; 10.0 to 99.9ppm; 100 to 999ppm; 1.00 to 9.99ppt; 100 to 200ppt
pH	-2.00 to 16.00 pH
mV	-600 to +600 mV
Temperature	0 to 100°C / 32 to 212°F
Resolution	
Conductivity	0.01 μ S; 0.1 μ S; 1 μ S, 0.01 mS; 0.1 mS
TDS	0.01 ppm; 0.1 ppm; 1 ppm; 0.01 ppt; 0.1 ppt; 1 ppt
pH	0.01 pH
mV	0.1 mV from \pm 199.9 mV; 1 mV beyond
Temperature	0.1 °C or °F
Accuracy	
Conductivity	\pm 1% full scale
TDS	\pm 1% full scale
pH	\pm 0.01 pH
mV	\pm 0.2mV from \pm 199.9mV; \pm 2mV beyond
Temperature	\pm 0.5°C or °F
Calibration	
Conductivity	one point per range (up to 5)
TDS	one point per range (up to 5)
pH	Up to 5 points: select NIST (1.68, 4.01, 6.86, 9.18 12.45 or USA (1.68, 4.01, 7.00, 10.00, 12.45) buffer sets
mV	--
Temperature	Offset up to \pm 5°C or °F

Ordering Information

ITEM	DESCRIPTION
WD-35610-12	pH/CON 510. 110/220 VAC
WD-35610-10	Meter with double-junction pH electrode(35641-51) and conductivity/temp. probe (35608-50). 110/220 VAC