

EC700™ 6-in-1 Water Quality Meter with 3 Probes



Need fast, accurate water quality analysis in any environment? The Extech EC700 Water Quality Tester Kit is your all-in-one solution. With interchangeable probes, it measures pH, conductivity, TDS, salinity, and dissolved oxygen—making it perfect for aquaculture, laboratories, water treatment plants, and more. Its rugged IP67 waterproof design, large LCD display, and auto temperature compensation ensure reliable results wherever you go.

EC700 Features

- Large LCD display shows multiple readings at once
- Optical DO probe benefits include reduced maintenance, no oxygen consumption and no minimum inflow
- Rugged and waterproof (IP67)
- Stores and recalls 99 readings to document trends and changes
- Compensation for temperature, pressure and salinity

See next page for product specifications and ordering information



EC700 UPC Code 793950157008

EC700 Specifications

Conductivity	0 to 199.9uS/cm, 0 to 1999 uS/cm, 0 to 19.99 mS/cm, 0 to 150.0mS/cm
Conductivity Basic Accuracy	±1.5% full scale
Conductivity Max Resolution	0.1 uS/cm
Dissolved Oxygen (Saturation)	0.0 to 199.9% (0.0 to 20.0 mg/L)
Dissolved Oxygen (Saturation) Basic Accuracy	±3% full scale
Dissolved Oxygen (Saturation) Max Resolution	0.1 mg/L
pH	2.00 to 12.00 pH
pH Basic Accuracy	±0.01 pH
pH Max Resolution	0.01 pH
Salinity	0 to 10.00ppt, 10.0 to 42.0ppt (Sea Water)
Salinity Basic Accuracy	±1.5% full scale
Salinity Max Resolution	0.01 ppt, 0.1 ppt (Sea Water)
TDS	0 to 199.9*f ppm, 0 to 1999*f ppm, 0 to 19.99*f ppt, 0 to 150.0*f ppt TDS f factor 0.30 to 1.00
TDS Basic Accuracy	±1% FS
TDS Max Resolution	0.01ppt
Temperature (Contact)	-5°C to 60°C (23°F to 138°F), DO probe: -5°C to 50°C (23°F to 122°F)
Temperature (Contact) Basic Accuracy	0.5°C / ±1°F
Temperature (Contact) Max Resolution	0.1°
Response Time	<90 seconds (<30 seconds for DO)
Certifications	EN 61326-1, IEC 61000-4
Dimensions	169 × 78 × 43 mm (6.7 × 3.1 × 1.7 in)
IP Rating	IP67
Power	4 × AAA (1.5 V) batteries
Warranty	2 years
Weight	200 g (7 oz.)

Ordering

- EC700..... 6-in-1 Water Quality Meter with 3 Probes
- PH701..... Replacement pH Probe with Protective Cap for EC700
- DO701..... Replacement Optical DO Probe with Protective Cap for EC700
- EC701..... Replacement Conductivity Probe with Protective Cap for EC700

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