

Eutech PC 700



PC 700

pH / mV-Redox-ORP / Conductivity / Total Dissolved Solids / Temperature
The multi-parameter Eutech PC 700 measures pH, ORP, conductivity and temperature with a single meter. User-friendly with advanced features and a large custom-size display – perfect for research work on a budget!

- Large screen in a compact footprint
- Meter accepts pH and Redox electrodes, in addition to Conductivity/TDS – it's like having four meters in one!
- Up to 5-point push button calibration
- Selectable cell constant
- Auto-ranging across 5 Conductivity ranges
- Easy interchangeability of probes
- Non-volatile memory holds up to 100 data points
- Integral electrode holder

Applications: • Water quality testing • Checking metal finishes • Solutions • Cooling tower water • Printing fountain solutions • Boiler water • Brines • Drilling mud • Rinse tanks • Ponds • Pollution control • Recirculating systems • Waste water • Industrial process systems • General use in laboratories • Titration • Quality assurance • Ecological studies • Food-processing

Ordering Information

Meters

Model	Order Code	Part No.	Description
pH	ECPH70042S	01X541605	Eutech pH 700 Meter With pH Electrode (ECFC7252101B), ATC Probe (ECPHTEMPB01P), Integral Electrode Holder & 100/240 VAC Adapter
pH	ECPH70040S	01X541603	Eutech pH 700 Meter With Integral Electrode Holder & 100/240 VAC Adapter
pH	ECPH70040	01X541601	Eutech pH 700 Meter 100/240 VAC Adapter
Ion	ECION7004S	01X541609	Eutech Ion 700 Meter With Integral Electrode Holder & 100/240 VAC Adapter
CON	ECCON70043S	01X543401	Eutech CON 700 Meter With Conductivity/ATC Probe (CONSEN9501D), Integral Electrode Holder & 100/240 VAC Adapter
DO	ECDO70042S	01X543501	Eutech DO 700 Meter With Dissolved Oxygen/ATC Probe (01X233913), Integral Electrode Holder & 100/240 VAC Adapter
PC	ECPC70043S	01X543601	Eutech PC 700 Meter With pH Electrode (ECFC7252101B), Conductivity/ATC Probe (CONSEN9501D), Integral Electrode Holder & 100/240 VAC Adapter

Electrodes

Model	Order Code	Part No.	Description
pH	ECFC7252101B	01X099412	General Purpose Plastic-Body Single Junction Gel-Filled pH Combination Electrode, 90 x 12 mm, BNC Connector, 1 m Cable
CON	CONSEN9501D	01X466602	2 Stainless Steel Rings Ultem-Body Conductivity Electrode, ATC, Cell Constant K=1.0, 144 x 16 mm, 8-Pin Connector, 1 m Cable
DO	ECDO6HANDY	01X233913	Galvanic Dissolved Oxygen Electrode With ATC, 2 Assembled Membrane Cap Housings, 1 Refilling Electrolyte & 1 Scouring Pad, 0.9 m Cable
TEMP	PH5TEMB01P	01X210303	ATC Probe, Stainless Steel, 117 x 3 mm Shaft, 1 m Cable

Solutions (480 ml Per Bottle)

Model	Order Code	Part No.	Description
pH	ECBU1BT	01X211211	pH 1.68 Buffer Solution
pH	ECBU4BT	01X211201	pH 4.01 Buffer Solution
pH	ECBU686BT	01X211242	pH 6.86 Buffer Solution
pH	ECBU7BT	01X211202	pH 7.00 Buffer Solution
pH	ECBU918BT	01X211271	pH 9.18 Buffer Solution
pH	ECBU10BT	01X211203	pH 10.01 Buffer Solution
pH	ECBU12BT	01X211212	pH 12.45 Buffer Solution
pH	ECDPCBT	01X211216	Protein Cleaning Solution For pH Electrode
pH	ECRE005	01X211205	Storage Solution For pH Electrode
ORP	ECORPPRE	01X081500	ORP Pre-Treatment Solution (475 mV)
ORP	ECORPQUIN	01X062700	ORP Quinhydrone 255 (255 mV, ±15 mV @ 25 °C) Solution
ORP	ECORPQUIN086	01X211215	ORP Quinhydrone 86 (86 mV) Solution
CON	ECCON84BT	01X211241	84 µS Conductivity Standard Solution
CON	ECCON1413BT	01X211207	1413 µS Conductivity Standard Solution
CON	ECCON1288BT	01X211210	12.88 mS Conductivity Standard Solution
CON	ECCON1118BT	01X211244	111.8 mS Conductivity Standard Solution
TDS	EC442300BT	01X109102	300 ppm 442 Standard Calibration Solution
TDS	EC4421000BT	01X109104	1000 ppm 442 Standard Calibration Solution
TDS	EC4423000BT	01X109101	3000 ppm 442 Standard Calibration Solution

Accessories

Model	Order Code	Part No.	Description
Others	60X030130	60X030130	SMPS, 100/240 VAC, 9 V, 6 W Power Adapter

Dissolved Oxygen Bench Meter		DO 700	
			
Dissolved Oxygen	Range	0 to 30.0 mg/L	
	Resolution	0.01 mg/L	
	Accuracy	±0.5 % full scale	
% Saturation Of Oxygen	Range	0 to 199.9 % ; 300 %	
	Resolution	0.1 % / 1 %	
	Accuracy	±0.5 % full scale	
Salinity Correction	Range	0 to 50 ppt	
	Resolution	0.1	
Barometric Pressure Correction	Range	450 to 825 mmHg	
	Resolution	1	
	Accuracy	Manual input	
	Method	Galvanic	
Temperature	Range	0.0 to 100.0 °C / 32.0 to 212.0 °F	
	Resolution	0.1	
	Accuracy	± 0.5 °C / ± 0.9 °F	

Multi-Parameter Bench Meter		PC 700	
			
pH	Range	-1.99 to 16.00 pH	
	Resolution	0.01 pH	
	Accuracy	±0.002	
	Cal. Points	Up to 5 points	
	Buffer Sets	USA, NIST	
ORP	Range	±1999 mV	
	Rel. mV Range	±1999 mV	
	Resolution	0.1 mV (±199.9 mV) / 1 mV (beyond)	
Conductivity	Accuracy	±0.2 mV (±199.9 mV) / ±2 mV (beyond)	
	Range	.. μS/cm to 200.0 mS/cm	
	Resolution	0.01 μS; 0.1 μS ; 1 μS ; 0.01 mS ; 0.1 mS	
	Accuracy	±1 % full scale	
	Cal. Points	Automatic (4 points); maximum 1 per range; manual (5 points); maximum 1 per range	
TDS	Cell Constant	0.1, 1.0, 10.0 (selectable)	
	Range	.. to 100 ppt @ 0.5 TDS factor (to 200 ppt @ 1.0 TDS factor)	
	Resolution	0.01 ppm; 0.1 ppm ; 1 ppm ; 0.01 ppt ; 0.1 ppt	
	Accuracy	± 1 % full scale	
	Cal. Points	Up to 5 points	
Temperature	TDS Factor	0.40 to 1.00 (adjustable)	
	Range (Meter)	0.0 to 100.0 °C / 32.0 to 212.0 °F	
	Resolution	0.1 °C / 0.1 °F	
	Accuracy	± 0.5 °C / ± 0.9 °F	
	Coefficient (Per °C)	0.00 to 10.00 %	
	Normalization	15.0 to 30.0 °C (adjustable)	
	Compensation Type & Range	Automatic with supplied cell or manual 0.0 to 100 °C / 32.0 to 212.0 °F; 0 to 80 °C / 32.0 to 176.0 °F with supplied cell	
Calibration	Offset in 0.1 ° increments; offset range: ± 5 °C / 9 °F		



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