



Eutech PC 2700

pH / mV-Redox-ORP / ION / Conductivity / Total Dissolved Solids / Salinity / Resistivity / Temperature

Your all-in-one solution for multi-parameter research work in the lab! The new PC 2700 is accurate, reliable and intuitive with user-friendly functions. Meter comes with a multi-data screen that includes Temperature, electrode status, calibration points, date and time along with your desired measurement parameter. PC 2700 measures pH, ORP, ION, Conductivity, TDS, Salinity, or Resistivity!

- Choose auto-calibration with preset values for quick easy calibration, or manual multi-point calibration for greater accuracy
- Easy standardization with auto-standardization feature – detect the exact cell constant value of your electrodes with the press of a button
- Up to 6-point calibration with auto-buffer recognition
- Includes high performance 4-cell Conductivity probe
- Quick, easy electrode diagnosis with the effective cell constants display
- Non-volatile memory holds up to 500 data points – time and date-stamped for GLP compliance
- Bi-directional RS232 for easy data transfer to computer
- Cal-due alarm – no more out-dated calibrations!
- Auto-logging function for convenient continuous monitoring
- Limit alarm alerts when reading falls out of range
- Password protection for setup and calibration

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



>> Wastewater & Water Treatment



>> Chemical Laboratories



>> Ecological Studies

Bench 2700 Series Specification Tables

We reserve the right to make changes, improvements and modifications to products shown.



| Warranty | Eutech Instruments provides three years of warranty against manufacturing defects for our meters, and six months for our electrodes.



pH/ION Bench Meters		pH 2700	ION 2700
			
pH	Range	-2.000 to 20.000 pH	
	Resolution	0.1 / 0.01 / 0.001 pH	
	Accuracy	±0.002 pH + 1 LSD	
	Cal. Points	Up to 6 preset or 5 custom	
	Buffer Sets	USA, NIST, DIN, User 1, User 2, Custom	
ORP	Range	±2000.0 mV	
	Rel. mV Range	±2000.0 mV	
	Resolution	0.1 mV	
	Accuracy	±0.2 mV	
ION	Concentration	—	0.001 to 19999 ppm (±2000 mV)
	Resolution	—	2 or 3 digits
	Accuracy	—	0.5 % full scale (monovalent) ; 1 % full scale (divalent)
	Cal. Points	—	2 to 8
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Temperature	Range (Meter)	0.0 to 100.0 °C / 32.0 to 212.0 °F	
	Resolution	0.1 °C / 0.1 °F	
	Accuracy	±0.3 °C / ±0.5 °F	
	Compensation	ATC / MTC	

Dissolved Oxygen Bench Meter		DO 2700
		
Dissolved Oxygen	Range	0.00 to 50.00 mg/L
	Resolution	0.01 mg/L
	Accuracy	±0.5 % full scale
% Saturation Of Oxygen	Range	0 to 600.0 %
	Resolution	0.1 %
	Accuracy	±0.5 % full scale
Salinity Correction	Range	0 to 50.0 ppt
	Resolution	0.1 ppt
Barometric Pressure Correction	Range	450 to 825 mmHg (automatic)
	Resolution	1 mmHg
	Method	Automatic correction with built-in sensor
Temperature	Range	0.0 to 50.0 °C / 32.0 to 122.0 °F
	Resolution	0.1 °C / 0.1 °F
	Accuracy	±0.3 °C / ±0.5 °F

Conductivity Bench Meter		CON 2700
		
Conductivity	Range	0.050 µS to 500.0 mS
	Resolution	0.01 / 0.1 µS ; 0.001 / 0.01 / 0.1 mS
	Accuracy	±1 % full scale
	Cal. Points	Up to 5
	Cell Constant	0.010 to 10.000
TDS	Range (Depending On TDS Factor)	0.050 ppm to 500 ppt (@ TDS factor 1.00)
	Resolution	0.01 / 0.1 ppm ; 0.001 / 0.01 / 0.1 ppt
	Accuracy	±1 % full scale
	Cal. Points	Up to 5
Salinity	Range	0.0 to 80.0 ppt
	Resolution	0.01 / 0.1 ppm ; 0.001 / 0.01 / 0.1 ppt
	Accuracy	±1 % full scale
Resistivity	Range	2.000 Ω to 20.0 MΩ
	Resolution	0.01 / 0.1 Ω ; 0.001 / 0.1 kΩ ; 0.01 MΩ
	Accuracy	±1 % full scale
Temperature	Range (Meter)	0.0 to 100.0 °C / 32.0 to 212.0 °F
	Resolution	0.1 °C / 0.1 °F
	Accuracy	±0.3 °C / ±0.5 °F
	Coefficient (Per °C)	Linear & pure ; 0.000 to 10.000 %
	Normalization	15.0 to 30.0 °C / 59.0 to 86.0 °F
	Compensation	ATC / MTC

Multi-Parameter Bench Meter		PC 2700
		
pH	Range	-2.000 to 20.000 pH
	Resolution	0.1 / 0.01 / 0.001 pH
	Accuracy	±0.002 pH + 1 LSD
	Cal. Points	Up to 6 preset or 5 custom
	Buffer Sets	USA, NIST, DIN, User 1, User 2, Custom
ORP	Range	±2000.0 mV
	Rel. mV Range	±2000.0 mV
	Resolution	0.1 mV
	Accuracy	±0.2 mV
ION	Concentration	0.001 to 19999 ppm (±2000 mV)
	Resolution	2 or 3 digits
	Accuracy	0.5 % full scale (monovalent) ; 1 % full scale (divalent)
Conductivity	Cal. Points	2 to 8
	Range	0.050 µS to 500.0 mS
	Resolution	0.01 / 0.1 µS ; 0.001 / 0.01 / 0.1 mS
	Accuracy	±1 % full scale
	Cal. Points	Up to 5
TDS	Cell Constant	0.010 to 10.000
	Range (Depending On TDS Factor)	0.050 ppm to 500 ppt (@ TDS factor 1.00)
	Resolution	0.01 / 0.1 ppm ; 0.001 / 0.01 / 0.1 ppt
	Accuracy	±1 % full scale
Salinity	Cal. Points	Up to 5
	Range	0.0 to 80.0 ppt
	Resolution	0.01 / 0.1 ppm ; 0.001 / 0.01 / 0.1 ppt
	Accuracy	±1 % full scale
Resistivity	Range	2.000 Ω to 20.0 MΩ
	Resolution	0.01 / 0.1 Ω ; 0.001 / 0.1 kΩ ; 0.01 MΩ
	Accuracy	±1 % full scale
Temperature	Range (Meter)	0.0 to 100.0 °C / 32.0 to 212.0 °F
	Resolution	0.1 °C / 0.1 °F
	Accuracy	±0.3 °C / ±0.5 °F
	Coefficient (Per °C)	Linear & pure ; 0.000 to 10.000 %
	Normalization	15.0 to 30.0 °C / 59.0 to 86.0 °F
	Compensation	ATC / MTC