

Benchtop Meters

Specially designed for use in the lab, these benchtop meters are versatile enough to fit your unique testing needs. These meters are simple to operate and offer an intuitive user interface allowing for easy set up and use, from day one. Step-by-step on screen prompts enable both new and seasoned users to operate the meter easily and effectively resulting in consistently accurate measurements. Each benchtop meter can be configured to fit your needs with the variety of electrodes, stands and accessories available.



	Specifications	B10P	B20PI	B30PCI	B40PCID	B10C
pH	Range	-2 to 19	-2 to 19	-2 to 19	-2 to 19	
	Resolution	0.1/0.01/0.001	0.1/0.01/0.001	0.1/0.01/0.001	0.1/0.01/0.001	
	Relative Accuracy	≤ 0.002 pH (± 1 digit)	≤ 0.002 pH (± 1 digit)	≤ 0.002 pH (± 1 digit)	≤ 0.002 pH (± 1 digit)	
	Reproducibility	± 0.001 pH (± 1 digit)	± 0.001 pH (± 1 digit)	± 0.001 pH (± 1 digit)	± 0.001 pH (± 1 digit)	
	Calibration	Up to 5 points	Up to 5 points	Up to 5 points	Up to 5 points	
mV (ORP/Redox)	Range	± 2000 mV	± 2000 mV	± 2000 mV	± 2000 mV	
	Resolution	Selectable 0.1/1mV	Selectable 0.1/1mV	Selectable 0.1/1mV	Selectable 0.1/1mV	
	Relative Accuracy	≤ 0.2 mV (± 1 digit)	≤ 0.2 mV (± 1 digit)	≤ 0.2 mV (± 1 digit)	≤ 0.2 mV (± 1 digit)	
	Reproducibility	± 0.1 mV (± 1 digit)	± 0.1 mV (± 1 digit)	± 0.1 mV (± 1 digit)	± 0.1 mV (± 1 digit)	
Temperature	Range	-20 to 150°C (-4 to 302°F)	-20 to 150°C (-4 to 302°F)	-20 to 150°C (-4 to 302°F)	-20 to 150°C (-4 to 302°F)	-20 to 150°C (-4 to 302°F)
	Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
	Relative Accuracy	≤ 0.2°C (± 1 digit)	≤ 0.2°C (± 1 digit)	≤ 0.2°C (± 1 digit)	≤ 0.2°C (± 1 digit)	≤ 0.2°C (± 1 digit)
ISE	Range		10-5 to 10-1 mol/L	10-5 to 10-1 mol/L	10-5 to 10-1 mol/L	
	Calibration		2 to 5 programmable standards	2 to 5 programmable standards	2 to 5 programmable standards	
Conductivity	Range			0.001 μS/cm to 1000 mS/cm	0.001 μS/cm to 1000 mS/cm	0.001 μS/cm to 1000 mS/cm
	Relative Accuracy			≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)
	Reproducibility			± 0.1% (± 1 digit)	± 0.1% (± 1 digit)	± 0.1% (± 1 digit)
	Reference Temperature			20° or 25°, autoranging	20° or 25°, autoranging	20° or 25°, autoranging
Resistivity	Range			0.0001 to 100MΩ	0.0001 to 100MΩ	0.0001 to 100MΩ
	Relative Accuracy			≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)
	Reproducibility			± 0.1% (± 1 digit)	± 0.1% (± 1 digit)	± 0.1% (± 1 digit)
Salinity	Range			5.85 mg/L to 311.1 g/L	5.85 mg/L to 311.1 g/L	5.85 mg/L to 311.1 g/L
	Relative Accuracy			≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)
	Reproducibility			± 0.1% (± 1 digit)	± 0.1% (± 1 digit)	± 0.1% (± 1 digit)
TDS	Range			0 mg/L to 4444.4 g/L	0 mg/L to 4444.4 g/L	0 mg/L to 4444.4 g/L
	Relative Accuracy			≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)	≤ 0.5 % m.v. (± 1 digit)
	Reproducibility			± 0.1% (± 1 digit)	± 0.1% (± 1 digit)	± 0.1% (± 1 digit)
DO	Range				0.00 to 60.0 mg/L	
	Relative Accuracy				≤ 0.5 % m.v. (± 1 digit)	
	Reproducibility				± 0.2% (± 1 digit)	
	Barometric Pressure				450-850 mm Hg	
Cat. No.	Meter Only	89231-662	89231-692	89231-696	89231-684	89231-676