OAKTON®

600 series meters

ISO 9001:2000 REGISTERED SUPPLIER CE

IP67 3 year warranty Meter only

New

- **No more excuses for missing data!** Store up to 500 data sets in the meter's memory.
- **Out-of-date or unperformed calibrations are now things of the past!** Programmable "calibration due" alarm reminds you when to calibrate your meter.
- **No wasting time looking for those cables!** The infrared IrDA wireless technology makes printing and PC downloading convenient and easier.
- **Use in dirty and wet environments!** As always, our waterproof meters are IP67-rated for both dust and water intrusion. Even with no probes attached and the battery compartment open!

OAKTON® INSTRUMENTS

...setting the standard, again and again®

1248_G3

OAKTON® Waterproof Handheld Meters

Expanded range, resolution, and accuracy, plus increased memory and advanced communications!

pH 600 Series Meters feature a –2.00 to 19.99 pH range expandable to 0.001 pH resolution with accuracies up to ±0.002 pH.

CON 600 Meter measures conductivity (up to 200 mS) or TDS using a 2-electrode conductivity cell with constant of K = 0.1, 1, or 10. Adjustable linear temperature compensation provides accurate results.

CON 610 Meter measures conductivity (up to 500 mS), TDS, salinity, or resistivity with either a 2- or 4-electrode conductivity cell. Linear or pure-water temperature compensation curve provides accurate data at all levels of conductivity. Also features set point alarms to indicate when concentrations are outside of programmed limits.

DO 600 Meter measures oxygen saturation up to 600% and concentration up to 90 mg/L. The galvanic dissolved oxygen probe does not require any warm-up time. Meter features automatic salinity correction and barometric pressure compensation.

Ordering number		WD-35418-02	WD-35418-12	WD-35418-22	WD-35408-02	WD-35408-12	WD-35408-22
Model		pH 600 meter	pH 610 meter	pH 620 meter	CON 600 meter	CON 610 meter	DO 600 meter
Range	pH	–2.00 to 19.99	–2.000 to 19.999	–2.000 to 19.999	—	—	—
	mV	±2000	±2000	±2000	—	—	—
	ISE	—	—	0.001 to 19,900 ppm, molar, or mg/L	—	—	—
	Conductivity	—	—	—	0 to 200 mS	0 to 500 mS	—
	TDS	—	—	—	0 to 200 ppm (TDS factor dependent)	0 to 500 ppt (TDS factor dependent)	—
	Salinity	—	—	—	—	0 to 80 ppt	—
	Resistivity	—	—	—	—	0 to 20.00 MΩ	—
	Dissolved oxygen	—	—	—	—	—	0 to 600%; 0 to 90 mg/L
	Temperature	14 to 230°F (–10 to 110°C)			14 to 230°F (–10 to 110°C)		14 to 230°F (–10 to 110°C)
Resolution	pH	0.1/0.01	0.1/0.01/0.001	0.1/0.01/0.001	—	—	—
	mV	0.1/1	0.1/1	0.1/1	—	—	—
	ISE	—	—	2 or 3 digits	—	—	—
	Conductivity	—	—	—	0.05% full-scale	0.05% full-scale	—
	TDS	—	—	—	0.05% full-scale	0.05% full-scale	—
	Salinity	—	—	—	—	0.05% full-scale	—
	Resistivity	—	—	—	—	0.05% full-scale	—
	Dissolved oxygen	—	—	—	—	—	0.1%, 1%; 0.01 mg/L
	Temperature	0.1°F to 199.9°F; 1.0°F from 200 to 230°F (0.1°C)			0.1°F to 199.9°F; 1.0°F from 200 to 230°F (0.1°C)		0.1°F to 199.9°F; 1.0°F from 200 to 230°F (0.1°C)
Accuracy	pH	±0.01	±0.002	±0.002	—		—
	mV	±0.2/2.0 mV	±0.2/2.0 mV	±0.2/2.0 mV	—	±1% full-scale	—
	ISE	—	—	0.5% FS (monovalent); 1% FS (divalent)	—	—	—
	Conductivity	—	—	—	±1% full-scale	—	—
	TDS	—	—	—	±1% full-scale	±1% full-scale	—
	Salinity	—	—	—	—	±1% full-scale	—
	Resistivity	—	—	—	—	±1% full-scale	—
	Dissolved oxygen	—	—	—	—	—	±2%; ±0.2 mg/L
	Temperature	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)	±0.9°F (±0.5°C)
Temperature compensation		Automatic or manual, 0 to 100°C			Automatic or manual, 0 to 100°C, linear	Automatic or manual, 0 to 100°C, linear or pure water	Automatic or manual, 0 to 100°C, linear
Calibration		Up to 6 points			Automatic or manual, single or multipoint standard recognition		0 to 100%
Buffer recognition		USA: 1.68, 4.01, 7.00, 10.01, 12.45; NIST: 1.68, 4.01, 6.86, 9.18, 12.45; DIN: 1.09, 3.06, 4.65, 6.79, 9.23, 12.75, PWB: 4.10, 6.97			—		—
Datalogging capabilities		500 data sets with GLP			500 data sets with GLP		500 data sets with GLP
Temperature coefficient		—			0 to 10.0% / °C		—
Conductivity-to-TDS factor		—			0.4 to 1.0		—
Output		IRDA/ RS-232C bi-directional			IRDA/ RS-232C bi-directional		IRDA/ RS-232C bi-directional
Display		Dot-matrix LCD with backlighting			Dot-matrix LCD with backlighting		Dot-matrix LCD with backlighting
Power		Four 1.5 V AA batteries (included) or optional universal AC adapter			Four 1.5 V AA batteries (included) or optional universal AC adapter		Four 1.5 V AA batteries (included) or optional universal AC adapter
Dimensions		3¼"W x 7¼"H x 2¼"D			3¼"W x 7¼"H x 2¼"D		3¼"W x 7¼"H x 2¼"D

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