

Water & Soil Analysis Kit Microprocessor Based

AC-318-M

uP Analyser Kit

pH	Range	0 to 14 pH
	Resolution	0.01 pH
	Accuracy	± 0.01 pH (Relative)
	Temp. Comp	Automatic With Temp.
	Probe & Buffer	Manual By Keys
	Recognition (Automatic)	4.00, 7.00, 9.20 pH
	Slope Adjustment	80 % to 120 % Default 100 %
	Calibration	Auto / Manual 2 - Point, 3 - Point
mV (ORP)	Range	0 to + 1999 mV
	Resolution	1 mV
	Accuracy	± 1
	mV Calibration	Manual
Temperature	Range	- 20.0 to + 200° C
	Resolution	0.1° C
	Accuracy	± 0.2 %
	Input Type	Pt 100
	Calibration	Manual
Dissolved Oxygen	Range	0 to 20 pap
	Resolution	0.1 ppm
	Temperature Comp.	automatic with pt 100 probe & manual with keys
	Pressure Adjustment	0 to 999mm of Hg Manual
	Salinity Correction	0 to 20gm/1 (Manual)
	Calibration	Automatic
	Accuracy	+ 2% ± 1 digit
Conductivity	Range	0 to 1000m mho in 6-range
	Range Selection	Automatic 6 ranges 0u mho to 1000 m mho
	Resolution	0.1 u mho
	Cell constant	Adjustable
	Temperature Co-eff	Adjustable between 0 to 4%
	Temperature Comp.	Automatic for entire range
	Accuracy	± 0.5% of range ± 1 digit
TDS	Range	0 to 200 ppt in 5 ranges
	Range Selection	Automatic
	Resolution	0.1 ppm
	TDS Factor	0.5 and adjustable manually



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Salinity

Range	0 to 50 ppt
Resolution	0.1 ppt
Accuracy	± 0.5% of range ± 1 digit
Temperature Comp.	Automatic
Salinity Factor	.75 and Adjustable Manually

Display

Display Format	temp & ph temp & orp simulta neously auto
Display of selected Buffer	
Setting	By sort touch keys
Storag	1000 samples with Data & Time Interface RS-232, Centronics & Computer
Real Time Display	24 Hour Mode with Date

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