



## REFRACTOMETERS

### BRIX REFRACTOMETERS

The Brix refractometer shows the concentration percentage of the soluble solids content (Total solids) of a sample (water solution). The soluble solids content is the total of all the solids dissolved in the water - beginning with sugar, salts, protein, acids, etc. and the measurement reading value is the value of the sum total of those. Essentially Brix% is calibrated to the number of grams of cane sugar contained in 100 g of cane sugar solution. So, when measuring a sugar solution, the Brix% should perfectly match the actual concentration.

### REED



HX107

Model No.	Mfg. No.	BRIX Range	Min. Div.	Accuracy	Price/Each
HX107	R9500	0 - 32%	0.2%	±0.2%	
HX355	MT-090	58 - 90%	1.0%	±0.5%	

### SALINITY REFRACTOMETERS

Salinity refractometers are useful for measuring the concentration of natural or artificial seawater in aquariums, holding tanks, and breeding ponds. They can also be used for controlling the salt water concentration when preparing pickles, measuring the concentration of salt water used in rinsing and cooking sea products.

### REED



HK668

Model No.	Mfg. No.	Range	Min. Div.	Accuracy	Price/Each
HK668	R9600	0 - 28%	0.2%	±0.2%	

### BATTERY COOLANT CHECKERS

It is essential to know the concentration and freezing point of anti-freeze coolants for vehicular safety. Keeping a suitable concentration of coolant prevents engine trouble and possible radiator corrosion. This tester monitors the freezing point of both ethylene glycol and propylene glycol; in addition, it indicates battery recharge level. This tester is simple to use; requiring only a few drops to provide accurate readings within seconds. It is virtually indispensable for gas stations, service shops, cab companies, etc.

### REED



HX093

Model No.	Mfg. No.	Coolant	Range	Min. Div.	Price/Each
HX093	R9700	Propylene Glycol	-50 to 32 °F	10 °F	
		Ethylene Glycol	-50 to 32 °F	10 °F	

See pages 386 - 406 for Eye Protection section



## PH METER

- Dual displays of temperature and pH
- °F or °C temperature measurement
- Automatic temperature compensation assures that readings are corrected for temperature offsets
- One touch calibration for up to 3 points
- Calibration values are adjustable
- Includes batteries
- pH Range: 0.00 to 14.00 pH
- Temperature Range: 0 to 60.0°C
- Accredited calibration available



### REED

Model No.	Mfg. No.	Description	Price/Each
IA693	8689	Digital pH Pen	
IA694	86P8	Replacement pH Electrode	
HX298	PH-04	4.0 pH Buffer Solution	
HX299	PH-07	7.0 pH Buffer Solution	

## PH/ORP METERS

- Measures pH and ORP levels in water
- Manual or automatic temperature compensation
- Auto calibration for pH 4.0, pH 7.0 and pH 10.0
- Data hold and max./min. record
- Real time data logger with integral 4 GB SD memory card (optional)
- RS232 and USB interface
- pH Range: 0 to 14.00 pH
- ORP Range: -1999 to 1999 mV



IA801

### REED

Model No.	Mfg. No.	Description	Price/Each
IA801	SD-230	pH/ORP Meters	
OM463	167130	Memory Card - 4 GB	

  

Model No.	Mfg. No.	Description	Range	Size	Price/Each
HX295	PE-01	Epoxy pH Electrode	0-14 pH	9.5 mm dia. x 130 mm	
HX296	PE-03	Epoxy pH Electrode	0-13 pH	12.3 mm dia. x 160 mm	
HX297	PE-11	Epoxy pH Electrode	0-13 pH	10.0 mm dia. x 130 mm	

## CONDUCTIVITY METERS

- Measures conductivity, total dissolved solids (TDS) and salt levels in water
- Carbon rod electrode
- Auto temperature compensation
- Temperature coefficient of measurement solution is user selectable
- Data hold and Max/Min record
- Real time data logger with integral 4 GB SD memory card (optional)
- RS232 and USB interface
- Conductivity Range: 200 µS, 2 mS, 20 mS, 200 mS
- Soft Range: 0 to 12% salt (% weight)



IA802

### REED

Model No.	Mfg. No.	Description	Price/Each
IA802	SD-4307	Conductivity Meter	
OM463	167130	Memory Card - 4 GB	

See page 28 for Sample Storage Bottles

