



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.



HX107

REED

Model No.	Mfg. No.	BRIX Range	Min. Div.	Accuracy	Price/Each
HX107	R9500	0 - 32%	0.2%	±0.2%	

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.



HK668

REED

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.



HX093

REED

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	

Hand-Held Pocket Refractometers

- Innovative design makes it easy to pour out and remove a sample, but difficult to spill the sample
- Equipped with External Light Interference (ELI) which displays a warning message if the ambient light is too intense
- Sample size is just 2-3 drops
- Calibrate with water and clean with running water
- Resolution: 0.1%
- Measurement Temperature: 10°C - 100°C (Automatic Temperature Compensation)
- Power Supply: 2 x AAA Batteries



IC529



IC528

Model No.	Mfg. No.	Description	Measurement Range	Measurement Accuracy	Price /Each
IC528	PAL-2	Hand-Held Pocket Refractometer	45 - 93%	±0.1%	
HX167	PAL-1	Hand-Held Pocket Refractometer	0 - 53%	±0.2%	
IC529	RE-39409	PAL Series Refractometer Carrying Case			

pH Pen Meters

- Displays both temperature and pH simultaneously on a dual LCD display
- Features automatic temperature compensation for accurate readings and includes a built-in calibration procedure
- User selectable °F or °C
- Data hold function
- Waterproof housing
- Protective cap keeps sensor moistened
- Low battery indicator and auto shut off
- pH Range: 0 - 14 pH
- Temperature Measuring Range: 32 - 140°F (0 - 60°C)
- Temperature Accuracy: ±1.8°F (1°C)
- Temperature Resolution: 0.1°F (0.1°C)
- pH Accuracy: ±0.02 pH
- Resolution: 0.01 pH
- Includes: (1) pH Meter, (1) Replaceable pH electrode module, (1) Protective cap, (1) Hard carrying case, (4) LR44 Batteries



IC483



IC481

REED

Model No.	Mfg. No.	Description	Price /Each
IC481	R3500	pH Pen Meter	
IC482	R3500-NIST	pH Pen Meter with ISO Certificate	
IC483	R3500-Electrode	pH Electrode	

pH Buffers & Solutions

- Ready to use solutions
- Made with high quality materials to provide high consistency



IC579

REED

Model No.	Mfg. No.	Description	Price /Each
IC579	R1404	4.01 pH Buffer Solution 500 ml	
IC580	R1407	7.00 pH Buffer Solution 500 ml	
IC581	R1410	10.00 pH Buffer Solution 500 ml	
IC608	R1400-KIT	1 each of IC579, IC580 and IC581	
IC582	R1420	Electrode Storage Solution 500 ml	
IC583	R1425	Electrode Cleaning Solution 500 ml	
IC584	R1430	Standard Conductivity Test Solution 500 ml	