

# Gem Tester

Gem Tester Refractive index is one of most important optical parameter. Gloss of gem can be estimated by the parameter. The kinds of gem can be precisely determined in accordance with the measured value of refractive index because every kind of gem has its inherent refractive. Besides, index of double refraction can be also measured. Through the parameter you can judge whether a gem is uniaxial or biaxial photopositive or photonegative. The gemological refractometer is characterized by small volume and less weight. It is easy to carry. It is a popular instrument used in jewelry market.



Model	Range	Div.	Accuracy
RHG-181	Refractive Index: 1.30-1.81	Refractive Index: 0.01	0.01

## Hand held Fiber Inspection Microscopes



Fiber Inspection microscopes are equipped with potent laser safety filters. It will decrease the dangerous risks to the users. It's widely used in the field such as communication, Fiber wire and so on. it's one of the indispensability inspection equipments .

Model No	Description
CL-100 100X	Fiber Microscope with universal "slip-grip" adapter
CL-200 200X	Fiber Microscope with universal "slip-grip" adapter
CL-400 400X	Fiber Microscope with universal "slip-grip" adapter

## Hand Held Refractometers



The Hand Held Refractometers are specially designed for measuring the concentration of many kinds of solution listed as following: Juices、Beverages、Honey、Salt water、Brine、Cleaning fluid、battery fluid、Antifreeze and Industrial fluids etc. And they can also test for the proportion of the water-soluble solution. They can be easily used and they are competitive in price. You only need to drop some water on the prism and then make it towards to the sunlight. Then the reading of the concentration will appear.

Model	Range	Min.Div	Accuracy	Remark
RHB0-80	Brix: 0-80%	Brix: 0.5%	Brix: $\pm 0.5\%$	Without Atc
RHB-32	Brix: 0-32%	Brix: 0.2%	Brix: $\pm 0.20\%$	Without Atc
RHB-32ATC	Brix: 0-32%	Brix: 0.2%	Brix: $\pm 0.20\%$	Atc
RHB-32bpATC	Brix: 0-32%	Brix: 0.2%	Brix: $\pm 0.20\%$	Atc
RBH-82ATC	Brix: 45-82%	Brix: 0.5%	Brix: $\pm 0.5\%$	Atc

Model	Range	Min.Div	Accuracy	Remark
RHS-10	Salinity: 0-100‰ Specific gravity: 1.000-1.070	Salinity: 1‰ Specific gravity: 0.001	$\pm 1‰$ Specific gravity: $\pm 0.001$	Without Atc
RHS-10ATC	Salinity: 0-100‰ Specific gravity: 1.000-1.070	Salinity: 1‰ Specific gravity: 0.001	Salinity: $\pm 0.001$ Specific gravity: $\pm 0.001$	Atc

Model	Range	Min.Div	Accuracy	Remark
RHW-80	v/v: 0-80%	v/v: 1%	v/v: $\pm 1\%$	Without Atc