

Brix Testers

This series is developed working with sugar related liquids, monitoring to control sugar concentrations in food & beverage, and determining the ratio and concentration of water soluble cutting fluids and other industrial fluids.

Model	Range	Min. Div.	Accuracy
MT-005ATC	0-5% Brix	0.1% Brix	±0.1%
MT-010ATC MTJ-010ATC	0-10% Brix	0.1% Brix	±0.1%
MT-018ATC	0-18% Brix	0.1% Brix	±0.1%
MT-032ATC MTJ-032ATC	0-32% Brix	0.2% Brix	±0.2%
MT-055ATC	0-55% Brix	1% Brix	±1%
MT-062ATC MTJ-062ATC	28-62% Brix	0.2% Brix	±0.2%
MT-082ATC	45-82% Brix	0.5% Brix	±0.5%
MT-090ATC MTJ-090ATC	58-90% Brix	0.5% Brix	±0.5%
	38-43 Be°	0.5% Be°	±0.5%
	12-27% Water	1% Water	±1%
MT-092ATC	58-92% Brix	0.2% Brix	±0.2%
MT-098ATC	0-80% Brix	0.5% Brix	±0.5%
MT-099ATC	0-90% Brix	0.2% Brix	±0.2%



MT-018ATC



MT-032ATC



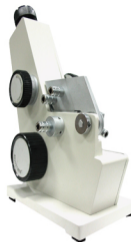
MT-062ATC



MT-090ATC

Abbe Refractometer

The instrument is designed for the measurement of the refractive index(nD) and the average optical dispersion (NF-NC) of the transparent, semitransparent and solid matter. It, connected with a circulating thermostatic bath, can measure the refractive index in 0-70.



MTA-001 Specification	
Refractive Index(nD) Range	1.300-1.700
Refractive Index(nD) Accuracy	0.0002
Refractive Index(nD) Min. Div.	0.0005
Brix (%) Range	0-95
Brix(%) Min. Div.	0.25
Weight (KG)	3

Salinity Testers

The series is designed to test the concentration of salt water and brine. It's triple scale provides a direct reading of the specific gravity and concentration of salt water(percent per thousand). It provides reliable refractive index and salinity readings of totally dissolved solid of aqueous solutions.

Model	Range	Min. Div.	Accuracy
MT-100ATC MTJ-100ATC	0-100% Salinity	1% Salinity	±1%
MT-110ATC MTJ-110ATC	0-10% Salinity	0.1% Salinity	±0.1% Salinity
MT-115ATC	0%-15%	0.5% Salinity	±0.5%
MT-128ATC MTJ-128ATC	0-28% Salinity	0.2% Salinity	±0.2% Salinity



MT-110ATC



MT-128ATC



Gemological Refractometer

Gemological refractometer is primary and most powerful tool in gemstone identification. It measures the angle at which light traveling through the stone is bent or refracted.



MT-501 Specification	
Refractive Index Range	1.30-1.81
Refractive Index Min. Div.	0.01

Digital Refractometers

This handy battery powered digital refractometer is ideal for Brix, Salinity & Industrial applications.

**The refractometers automatically compensate the reading for sample temperature as measured at the prism surface, and this temperature can also be displayed.*



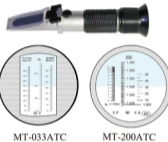
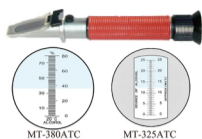
- Ketchup
- Antifreeze
- Mayonnaise
- Cleaning Fluids
- Soft Drink
- (MTD-767C / MTD-767F)
- Pickle Juice
- Veterinarians (MTD-200)
- Clinical Use
- Battery Fluids

Model	Scale	Range	Resolution	Accuracy
MTD-045	Brix	0-45%	0.1%	±0.2%
	Refractive Index	1.3330-1.4098	0.0001	±0.0003
MTD-045nD	Brix	0-45%	0.1%	±0.2%
	Refractive Index	1.3330-1.4098	0.0001	±0.0003
MTD-065	Brix	28-65%	0.1%	±0.2%
	Refractive Index	28-65%	0.1%	±0.2%
MTD-065nD	Brix	28-65%	0.1%	±0.2%
	Refractive Index	1.3770-1.4535	0.0001	±0.0003
MTD-092	Brix	58-92%	0.1%	±0.2%
	Refractive Index	58-92%	0.1%	±0.2%
MTD-092nD	Brix	58-92%	0.1%	±0.2%
	Refractive Index	1.4370-1.5232	0.0001	±0.0003
MTD-3528	Brix	0-35%	0.1%	±0.2%
	Salinity	0-28%	0.1%	±0.2%
	Refractive Index	1.3330-1.3900	0.0001	±0.0003
MTD-033	MASS s/v	0-35%	0.1%	±0.2%
	Vol AP	0-22%	0.1%	±0.2%
	Oe	0-150	1.0	±0.0003
	KMW	0-25	0.1	±0.2
	Salinity	0-28%	0.1%	±0.2%
MTD-128	Salinity	0-28%	0.1%	±0.2%
	Refractive Index	1.3330-1.3900	0.0001	±0.0003
MTD-128nD	Urine SP.G	1.000-1.050	0.001	±0.001
	Serum P.	0-12g/dl	0.1	±0.1
MTD-200	Refractive Index	1.3330-1.3900	0.0001	±0.0003
	Propylene Glycol	-95-0°C	0.1°C	±0.2°C
MTD-767C	Ethylene Glycol	1.000-1.510 sg	0.1°C	±0.2°C
	Battery	-70-0°C	0.01 sg	±0.1 sg
	Cleaner	-72-0°C	0.1°C	±0.2°C
	Propylene Glycol	-130-32°F	0.1°F	±0.5°F
MTD-767F	Ethylene Glycol	-95-32°F	0.1°F	±0.5°F
	Battery	1.000-1.510 sg	0.01 sg	±0.01 sg
	Cleaner	-100-32°F	0.1°F	±0.5°F

Alcohol Testers

This series measures the alcohol concentration in wines or water solution.

Model	Range	Min.Div.	Accuracy
MT-325ATC	0-25%	0.20%	±0.2%
MT-380ATC	0-80%	1%	±1%



Clinical Testers

This unit provides veterinarians and doctors with quick and accurate indication of the level of vital fluids.

Model	Range	Min.Div.	Accuracy
MT-33 Urea	33%-0%	0.20%	±0.2%
	0-12 g/dl	0.2g/dl	±0.2 g/dl
MT-200ATC	1.000-1.050 sg	0.005 sg	±0.005 sg
	1.330RI-1.360RI	0.0005 RI	±0.0005 RI

Soya Concentration Testers

This tester measures the concentration of dissolvable soybean milk quickly and accurately!



Model	Range	Min.Div.	Accuracy
MT-025ATC	0%-25%	0.05%	±0.5%

Jumbo Refractometers

All of our refractometers can be made into JUMBO type! Jumbo refractometer has bigger daylight plate and scale. It enhances brighter images and better view!

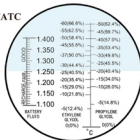
- Easy to Read!**
- Easy to Use!**
- Easy to Clean!**
- Excellent Precision!**



Antifreeze/ Battery/ Wiper/AdBlue Fluids Tester

These types are designed for testing the concentration of battery fluids, antifreeze liquids cleaning and AdBlue/DEF fluids. The percentage indicator indicates the point of freezing for both propylene glycol and ethylene glycol. It can also be used for checking the strength of electrolyte solution batteries.

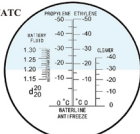
MT-737ATC



MT-800ATC



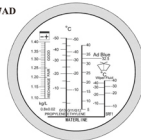
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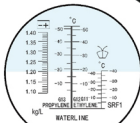
MT-757ADF



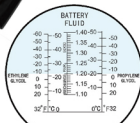
MT-767AD



MT-767ATC



MT-777ATC



(A - ANTIFREEZE B - BATTERY C - CLEANER E - ETHYLENE GLYCOL F - FREEZING P - PROPYLENE GLYCOL)



Model	Range	Min. Div.	Accuracy
MT-727ATC MTJ-727ATC	E: -84F-32°F	5°F	±5°F
	B: 1.100-1.400 sg	0.01 sg	±0.01 sg
MT-737ATC MTJ-737ATC	E: -60°C-0°C	5°C	±5°C
	B: 1.100-1.400 sg	0.01 sg	±0.01 sg
MT-747ATC	E: -60°F-32°F	10°F	±10°F
	B: 1.15-1.30sg	0.01 sg	±0.01 sg
MT-757ATC	E: -50°C-0°C	5°C	±5°C
	B: 1.100-1.400 sg	0.01 sg	±0.01 sg
MT-760ATC	E: -48°C-0°C	3°C	±3°C
	B: 1.100-1.400 sg	0.01 sg	±0.01 sg
MT-767ATC MTJ-767ATC	E: -50°C-0°C	5°C	±5°C
	B: 1.100-1.400 sg	0.01 sg	±0.01 sg
MT-768ATC	E: 40°C-0°C	5°C	±5°C
	B: 1.100-1.400 sg	0.01 sg	±0.01 sg
MT-777ATC MTJ-777ATC	E: -60°F-32°F	10°F	±10°F
	B: 1.10-1.40 sg	0.01 sg	±0.01 sg
MT-787ATC MTJ-787ATC	E: -70°F-32°F	10°C	±10°C
	B: 1.10-1.40 sg	0.01 sg	±0.01 sg
MT-800ATC	A: 0%-100%	5%	±5%
	B: 1.100-1.400 sg	0.01 sg	±0.01 sg
MT-757AD	E: -50°C-0°C	1°C	±1°C
	B: 1.10-1.30 sg	0.01 sg	±0.01 sg
MT-757ADA	Ad: 30%-35%	0.50%	±0.5%
	B: 1.10-1.30 sg	0.01 sg	±0.01 sg
MT-757ADB	E: -50°C-0°C	5°C	±5°C
	B: 1.10-1.30 sg	0.01 sg	±0.01 sg
MT-757ADC	Ad: 20%-40%	5%	±0.5%
	B: 1.20-1.4 sg	0.01 sg	±0.01 sg
MT-757ADF	E: -60°F-32°F	1°F	±1°F
	B: 1.10-1.30 sg	0.01 sg	±0.01 sg
MT-767AD	Ad: 5%-40%	5%	±5%
	B: 1.10-1.4 sg	0.01 sg	±0.01 sg
MTAD-100	E: -50°C-0°C	5°C	±5°C
	B: 1.10-1.30 sg	0.01 sg	±0.01 sg



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REFRACTOMETERS

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