

WHY CHOOSE ATAGO® PRODUCTS?

- ✓ ATAGO® Refractometers are acknowledged by HACCP, G.M.P. AND G.L.P systems
- ✓ ATAGO® CO.,LTD. has been rated the top grade "aaa" by STANDARD & POOR'S ! (Sep. 30, 2008)



- ✓ **Buy me because**
- ✓ **You just - touch - dip and read!**

- IP65 rated
- ATC function
- E.L.I. warning
- Light and compact (70g)
- Calibrate with water only
- One hand operation with "pen" type design
- Includes storage case & battery
- 1 YEAR WARRANTY



Specifications:

Accuracy:	±0.2%	Power:	1 AAA
Resolution:	±0.1%	Wgt:	70g
Dim. WxDxH:	16 x 3.8 x 1.8cm		

Cat. No.	Range	Measurement Temp.	Price
M111100	Brix 0.0 - 85.0%	10 - 60°C	\$415.00

"POCKET" REFRACTOMETERS



- Simple to use - just place a drop of sample on the prism surface and press START; digital readout
- Sample stage design keeps sample from spilling out
- Light (100g), compact size for indoor or outdoor use
- IP65 rated
- ATC function
- E.L.I. warning
- Zero setting calibration to be done with water only
- Includes storage case & batteries
- 1 YEAR WARRANTY

M109022 - Brix most fruit juice, food, or drink, such as soup, sauce, ketchup, tomato sauce, low-sugar jam, or marmalade. High temperature samples heated or boiled.

M109023 - Brix high concentration items such as jam, marmalade, jelly, honey, concentrated juice / during heating

M109028 - Salinity levels of salinity in soy sauce, sauces, ketchup dressings, soups or pickled items.

M109029 - Honey the % water content of honey.

M109030 - Baume forecast potential alcohol content of wine

Specifications:

Accuracy:	±0.2%	Resolution:	±0.1%
Results:	3 Seconds	Power:	2 AAA
Dim. WxDxH:	5.5 x 31 x 109cm	Wgt:	100g

Cat. No.	Refractometer	Range	Measurement Temp. °C	Price
M109022	Brix	0.0 - 53.0%	10 - 60	\$330.00
M109023	Brix	45.0 - 93.0%	10 - 60	\$359.00
M109028	Salinity (g/100g)	0.0 - 28.0%	10 - 40	\$369.00
M109029	Honey Moisture	12.0 - 30.0%	10 - 40	\$369.00
M109030	Baume	0.0 - 21.0°	10 - 40	\$369.00

ATAGO® FEATURES:

- ✓ E.L.I. warning (External Light Interference) is displayed when intense direct light is detected, allows you to shade sample for accurate reading
- ✓ ATC function (Auto Temp. Compensation) allows readings regardless of the ambient temperature
- ✓ IP65 water resistant units are dust-tight and protected against water jets - allows you to rinse off sample by running water on the prism or wipe off

BRIX REFRACTOMETERS ATAGO "MASTER" SERIES

- ✓ **Buy me because**

- ✓ **I am easy ... to read and hold for smooth sampling!**



- Allows for easy disposal of sample from the edge
- Well balances structure with a streamline body
- Improved hygiene aspect with textured grip
- IP65 rated (except eye piece)
- ATC function (not on all units)
- ASD function (Auto Sample Distribution) - sample covers prism without having to lift day-light plate (all units)
- Choose a unit that is equipped with both ATC and IP65 at same time or a conventional ATC only or manual ATC
- All models include protective storage case & batteries
- 1 YEAR WARRANTY

Optional Accessories:

- Daylight plate for small volume sampling
- Sucrose solution

Specifications:

Accuracy:	±0.2% (for ATC)
Resolution:	±0.1% (for ATC)
Repeatability:	±0.01% (for ATC)
Sample Size:	2 - 3 Drops
Min. Scale:	0.2%
Dim. WxDxH:	3.3 x 3.3 x 20.4cm Wgt: 160g

Cat. No.	Range	Temp. °C	ATC	IP65 Water Resistant	Price
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Low Range Units:

Measure: Sugar content of fruits, juices and drinks.

Calibrate: with M110629 or M110630

M110281	0.0 - 33.0%	10 - 30	Yes	Yes	\$240.00
M110280	0.0 - 33.0%	10 - 30	Yes	No	175.00
M108949	0.0 - 33.0%	-	Manual	No	155.00

Mid Range:

Measure: spreads, variety of sauces, soy sauce, seasonings in liquid form, low-sugar jams

Calibrate with M110630 or M110631)

M110283	28.0 - 62.0%	10 - 40	Yes	Yes	\$240.00
M110282	28.0 - 62.0%	10 - 40	Yes	No	185.00
M384000-01	28.0 - 62.0%	-	Manual	No	165.00

M111200	Daylight Plate				\$7.00
M110629	10% Sucrose Solution, 5 ml				25.00
M110630	30% Sucrose Solution, 5 ml				25.00
M110631	50% Sucrose Solution, 5 ml				25.00

POCKET DIGITAL REFRACTOMETERS

✓ **Buy me because**

- ✓ We are reliable and even better and cheaper than most refractometers
- ✓ I offer custom scales for my refractometers

- Measures brix, salinity, and a wide variety of other parameters in the field with accuracy
- Small, light and simple to use as optical refractometers, with the precision digital readout
- Sophisticated microprocessor provides automatic calibration, auto temperature compensation
- Low battery indicator, auto shutoff (after 3 minutes), 8000 readings
- Water resistant case protects unit and makes for easy clean-ups
- One button calibrated to distilled water
- **Includes:** distilled water, transfer-pipet, battery, instructions and carry case
- 5 YEAR WARRANTY

Dims.: 4⁵/₈ x 2³/₈ x 1¹/₄ in. (118 x 62 x 32 mm) ; **Wgt.:** 4.6 oz. (130g)

Cat. No.	Refractometer	Range	Accuracy	Resolution	Price
M110434	Brix	0 - 65%	±0.2%	0.1%	\$328.00
M110435	Brix	40 - 95%	±0.2%	0.1%	328.00
M110436	Brix	0 - 95%	±0.2%	0.1%	474.00
M110437	Salinity %	0 - 28%	±0.2%	0.1%	\$400.00
	Salinity ppt	0 - 280 ppt	±2 ppt	1 ppt	
M110438	Automotive Propylene Glycol	32 (-50)°F	±2.0°F	0.1°F	\$400.00
	Automotive Ethylene Glycol	32 (-50)°F	±2.0°F	0.1°F	
	Automotive Battery Acid	1.000 - (1.500) sg	±0.005 sg	0.001 sg	
	Automotive Cleaner	14 (-40)°F	±2.0°F	0.1°F	

M110436

M110437



Custom Digital Refractometers

Cat. No.	Scale	Range	Price
M110439	Single	Standard	\$400.00
M110440	Single	Wide	546.00
M110441	Multiple	Standard	474.00
M110442	Multiple	Wide	618.00

Same features as above but you choose up to 4 scales per refractometer which will be programmed into unit prior to shipment. Units have either single or multiple scales (2, 3, or 4), and standard or wide-ranged scales

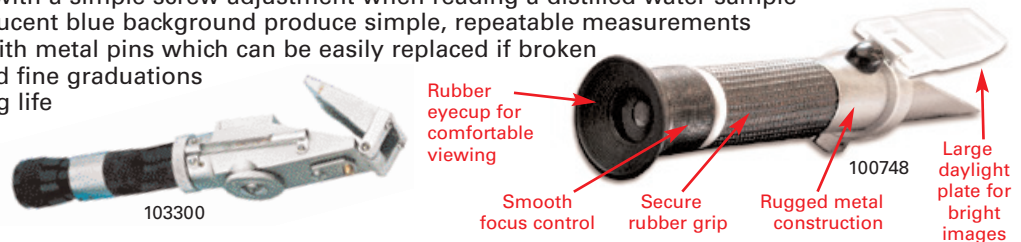
****Note:** Custom refractometers are available by special order. Please allow lead times of approximately 60 days. Call us at 1-800-684-1234 for a listing of custom scales.

ECONOMICAL REFRACTOMETERS, THE LABMART®

The Lab Mart® brand refractometers are commonly used in the beverage industry to measure sugar concentration in samples. They are routinely used by processors and quality control managers to monitor the concentration of dissolved sugar solids in food products such as fruit juices, soft drinks, wine, beer, and or other liquid samples.

- Auto. Temp. Compensation (ATC) eliminates need for manual zeroing to compensate for ambient temperature fluctuations
- Zero calibration is achieved with a simple screw adjustment when reading a distilled water sample
- Large glass prism and translucent blue background produce simple, repeatable measurements
- Daylight plates are hinged with metal pins which can be easily replaced if broken
- Sharp, easy-to-read scale and fine graduations
- All-metal body to ensure long life
- 1 YEAR WARRANTY

Sample Volume: 2 or 3 drops
Range: 50-86°F (10-30°C)



With ATC	Price	Cat. No	Price	Cat. No.	Range	Accuracy	Resolution
		No ATC		Refractometer			
M100748	\$236.00	M103290	\$186.00	Brix	0 to 10%		0.1%
M103297	379.50	M100749	535.50	Brix	0 to 18%		0.2%
M103152	312.50	M103151	196.10	Brix	0 to 32%		0.2%
M103299	256.00	M103153	186.00	Brix	28 to 62%		0.2%
		M100750	208.00	Brix	45 to 82%		0.5%
		M103154	285.00	Brix	58 to 92%		0.5%
		M103300	446.00	Brix	0 to 90%		0.2%
Honey Refractometer, 3 Scales for complete honey measurement							
M106401	\$370.01	M103301	\$209.00	Brix	58 to 90%		0.5%
				Baume	38 to 44%		
				Water Content	17 to 27%		

Salinity Refractometers, reading in % saturation or parts per thousand NaCl and Specific Gravity

M106400	\$258.34	M103549	\$224.54	0 to 28% Sat.	0.2%
M103548	243.75			0 to 100 ppt	1 ppt
				1.000 to 1.070 Sp.Gr.	0.001 Sp. Gr.