



REFRACTOMETER

ATAGO HAND REFRACTOMETER. MODEL: MASTER PM

Water resistant as per IP65, Washable, High visibility and durability, Hygienic design, ATC, Automatic sample distribution (ASD), Plastic body, Smooth grip.

Comes in a convenient storage box.

Range: Brix 0 to 33%,

Accuracy: Brix $\pm 0.2\%$, Measurement Temp. : 10 - 30°C.

08023-01



ATAGO HAND HELD DIGITAL REFRACTOMETER.

Compact in size, indoor and outdoor usage, weighs 100gms., Easy cleanable design, Water resistant, Result in 3 seconds, Zero calibration with distill water, Measurement temperature: 10 to 75°C, Ambient temp. : 10 to 40°C.,

2 AAA Battery operated. Comes in a convenient storage box.

<u>MODEL</u>	<u>Measurement</u> (Brix)	<u>Accuracy</u> %	<u>Resolution</u> %	
PAL 1	0.0 to 53.0%	$\pm 0.2\%$	0.1%	08023-02
PAL 2	45.0 to 93.0%	$\pm 0.2\%$	0.1%	08023-03
PAL 3	0.0 to 93.0%	$\pm 0.1\%$	0.1%	08023-04
PAL α	0.0 to 85.0%	$\pm 0.2\%$	0.1%	08023-05
PAL MAPLE	0.0 to 85.0%	$\pm 0.2\%$	0.1%	08023-07



ATAGO DIGITAL REFRACTOMETER PAL-10S (URINE)

Compact in size, indoor and outdoor usage, weighs 100gms., Easy cleanable design, Water resistant, Result in 3 seconds for Measurement of specific gravity of urine samples,

Range: 1.000 TO 1.060, Accuracy: 0.001%, Resolution: 0.001,

Measurement temperature: 10 to 35°C with ATC,

Sample volume of 0.3ml or more.

2 AAA Battery operated. Comes in a convenient storage box.

08023-08



ATAGO DIGITAL REFRACTOMETER. (WINE)

Compact in size, indoor and outdoor usage, weighs 100gms., Easily cleanable design, result in 3 seconds, Zero calibration with distill water,

Measurement temperature: 10 to 40°C with ATC, Ambient temp. : 10 to 40°C.

<u>MODEL</u>	<u>Measurement</u> (Brix)	<u>Accuracy</u> %	<u>Resolution</u> %	
PAL79S	0.0 to 26.0%	$\pm 0.2\%$	0.1%	08023-09
PAL80S	0.0 to 25.0%	$\pm 0.2\%$	0.1%	08023-10
WM - 7	(Seven scale in one also available)			08023-11



HANNA HAND HELD DIGITAL REFRACTOMETER.

General and specific application refractometer from hanna, quick and precise result in just 2 seconds, easy measurement, dual level LCD display, single point calibration with distill water, auto shut off, ATC, battery low indication, Ip65 waterproof protection.

<u>MODEL</u>	<u>RANGE</u>	
HI 96801	General Refractometer 0 to 85% Brix.	08023-15
HI 96802/3	Glucose/Fructose Refractometer 0 to 85%	08023-16
HI 96811	Wine Refractometer 0 to 50% Brix.	08023-17





REFRACTOMETER

ATAGO DIGITAL REFRACTOMETER PAL-RI

Compact in size, indoor and outdoor usage, weighs 100gms., Easy cleanable design, Water resistant IP65, Result in 3 seconds, Battery power indication

Range: 1.3306 TO 1.5284,

Accuracy: 0.0003RI, Resolution:0.0001RI,

Measurement temperature: 5.0°C to 45.0°C with ATC,

Sample volume of 0.3ml or more.

2 x AAA Battery operated. Comes in a convenient storage box. 08023-12



ATAGO DIGITAL REFRACTOMETER PR-BUTYRO

Perfect Hand Held Refractometer for measurement of Ghee, Butter, Edible oils for checking purity / adulteration.

Large easy to read Display, Compact, Weighs 300gms., Easy to clean, Water resistant IP64, Result in 3 seconds, Displays both RI and Butyro scale, External light Interference (ELI), Battery power indication

Range: 1.4450 TO 1.4850, Butyro : 30.0 to 90.0

Accuracy: ± 0.5 @ 40°C / 0.0003RI, Resolution: 0.1 / 0.0001 RI,

Measurement temperature: 10°C to 50°C with ATC,

Sample volume of 0.5ml or more.

9V dry cell Battery. Comes in a convenient storage box. 08023-13



ABBE REFRACTOMETER

Designed for quick and convenient measurement of refractive index and also dispersion of liquids and solids. In addition a sugar scale is provided facilitating measurement of percentage of sugar in solutions.

Supplied with standard glass test plate, thermometer, zero adjustment knob, and dust cover, duly packed.

Range: nD 1.3000 - 1.7000,

Scale reading: +0.001 & 0.0001 by estimation

Sugar scale: 0 - 95%,

08023-06



OPTIONAL ACCESSORIES

* Thermostatic Bath

* Thermometer

ATAGO ABBE REFRACTOMETER, MODEL: DR-A1

ATAGO's Abbe Refractometer's are highly reliable, It is capable of measuring liquid and solid samples such as plate glasses, plastic sheets, and other solid films. It directly indicates a measured value (in refractive index or Brix (%), selective) in digits together with temperature.

Range Refractive index (nD) 1.3000 to 1.7100 / Brix 0.0 to 95.0%,

ATC : 5 to 50°C,

Minimum Indication: (nD) 0.0001/ Brix 0.1% ,

Accuracy: ± 0.0002 / Brix $\pm 0.1\%$,

Measurement Temperature: 5 to 50°C (0.1°C)

08023-14



OTHER RANGE OF REFRACTOMETER ALSO AVAILABLE