

New

PAL-RI for measuring refractive index Cat#3850

Dear Distributor,

We are proud to announce that on this date, October 21st, 2005, we will launch our newest digital "Pocket" refractometer **PAL-RI**.

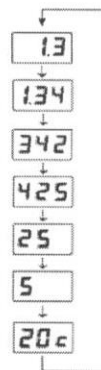
This long-awaited digital "Pocket" refractometer is a compact sized instrument that measures the **refractive indices** of liquid samples and it is equipped with all the other great features of our conventional PAL series refractometers except the temperature compensation.



By pressing the START key, after placing some droplets of the sample on the prism, the refractive index and the temperature of the measurement will be displayed continuously like an electric newsboard.

Equipped with digital display, it is lightweight, small in size, and water-resistant too. It also features the E.L.I. technology ensuring that excessive light will not affect the measurement.

Zero setting (calibration) is easy using water only. And a wide measurement range of refractive index of 1.3306 to 1.5284 will make it an ideal model for the chemical and pharmaceutical related industries.



Specifications			
Model	PAL-RI	Cat.No.	3850
Measurement Range	Refractive index 1.3306 to 1.5284	Resolution	Refractive index 0.0001
Measurement Accuracy	Refractive index ± 0.0003 (water at 20°C)	Ambient Temperature	10 to 40°C
Measurement Temperature	5 to 45°C (resolution 1°C)	Sample Volume	0.3 ml
Measurement Time	3 seconds	Power supply	2 x AAA Batteries
International Protection class	IP65 Dust-tight and Protected against water jets.	Dimensions & weight	55(W) x 31(D) x 109(H)mm, 100g (Main unit only)

For more details and prices, please call your ATAGO contact now!

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Options

- 30% Sucrose ($\pm 0.03\%$) : RE-110030
- 40% Sucrose ($\pm 0.04\%$) : RE-110040
- 50% Sucrose ($\pm 0.05\%$) : RE-110050
- 60% Sucrose ($\pm 0.05\%$) : RE-110060
- Daylight plate for small volume samplings : RE-2391-50M
- Calibration Certificate : Contact an ATAGO representative for details.

Parts

- Daylight plate : RE-2315-61M

Design Registration No.000379326-0001, 000379326-0002 (EU)
 ZL 2005 3 0116403.4,5 (China), D111526 (Taiwan), D555, 549 (U.S.A.),
 1255763, 1255764, 1255765, 1255766, 1255767 (Japan)
 Patent Granted in countries around the world.

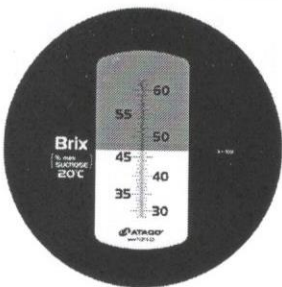
Refractometer MASTER-2M



MASTER-2M are mid-range (measurement range Brix 28.0 to 62.0%) model of the MASTER-M / MASTER-PM. MASTER-2M are the successor model to the conventional N-2E. The MASTER-M series is a good alternative choice when the water resistant feature is not a priority and the Temperature Compensation will be carried out manually. Not equipped with the Automatic Temperature Compensation feature.

The MASTER-2M is made of metal, and the MASTER-2PM is plastic. The specifications are exactly the same. For salty and acidic samples, choose the plastic body, MASTER-2PM.

*Calibration with the 30% Sucrose Solution (RE-110030) , 40% Sucrose Solution (RE-110040) , 50% Sucrose Solution (RE-110050) or 60% Sucrose Solution (RE-110060)



Quantity ☐

Request
Quotation

Specifications

Model	MASTER-2M
Cat.No.	2323
Scale	Brix
Measurement Range	Brix : 28.0 to 62.0%
Minimum Scale	Brix : 0.2% *
Measurement Accuracy	Brix : $\pm 0.2\%$
Repeatability	Brix : $\pm 0.1\%$
Dimensions & Weight	3.2×3.4×16.8cm, 130g

Options

- 30% Sucrose ($\pm 0.03\%$) : RE-110030
- 40% Sucrose ($\pm 0.04\%$) : RE-110040
- 50% Sucrose ($\pm 0.05\%$) : RE-110050
- 60% Sucrose ($\pm 0.05\%$) : RE-110060
- Daylight plate for small volume samplings : RE-2311-58M
- Calibration Certificate : Contact an ATAGO representative for details.

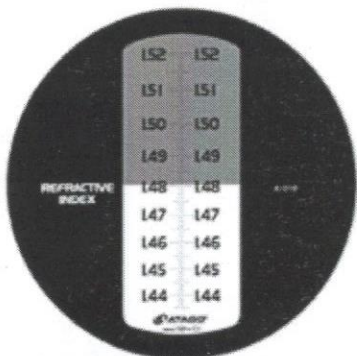
Parts

- Daylight plate : RE-2315-60M

Design Registration No.000379326-0001, 000379326-0002 (EU)
 ZL 2005 3 0116403.4,5 (China), D111526 (Taiwan), D555, 549 (U.S.A.),
 1255763, 1255764, 1255765, 1255766, 1255767 (Japan)
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Enlargement



Product Comparison

Product Q & A
Question And Answer

Quantity

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1.90MB

MASTER-RI is refractive-index model (measurement range : RI 1.435 to 1.520) of the MASTER Series.

MASTER-RI can be used for measuring the refractive index of vegetable oil, petroleum, oil slicks, etc.

*Calibration with the Standard liquid LK (RE-99010)

Specifications

Model	MASTER-RI
Cat.No.	2612
Scale	Refractive index
Measurement Range	Refractive index : 1.435 to 1.520
Minimum Scale	Refractive index : 0.001
Dimensions & Weight	3.2 x 3.4 x 16.8cm, 130g

Options

- Standard liquid LK : RE-99010
- Daylight plate for small volume samplings : RE-2311-58M
- * Calibration Certificate : Contact an ATAGO representative for details.

Parts

- Daylight plate : RE-2315-60M

Design Registration No.000379326-0001, 000379326-0002 (EU)
ZL 2005 3 0116403.4,5 (China), D111526 (Taiwan), D555, 549 (U.S.A.),
1255763, 1255764, 1255765, 1255766, 1255767 (Japan)
Patent Granted in countries around the world.

master-RI

تجهیز یاب (تجهيزات آزمایشگاهی)

«نمایندگی فروش»

تهران - خیابان سمیه، بین مفتوح و فرصت پلاک ۲۴ واحد ۴

(کد پستی ۱۵۸۱۸۷۴۹۱۵)

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