

Accessories

□ MAGIC™

Used for measuring volatile substances.
Choose either metal or resin.



[RE-56180] MAGIC™ (metal)

[RE-56185] MAGIC™ (resin)

□ Digital Printer DP-63

For printing on thermal paper.

Cat.No. 3118 DP-63

Printing method : Thermal dot

Power supply : AC adapter
(AC 100V to 240V)

Power consumption : 13VA

Dimensions & weight : 17×16×7cm, 580g
(Main unit only)



□ Sucrose Solution (calibration certificate optional)

Regular inspection of the RX-i unit is highly recommended. Use one of the following solutions to confirm the calibration.

[RE-111001] 10% sucrose solution (±0.01%)

[RE-112001] 20% sucrose solution (±0.01%)

[RE-113001] 30% sucrose solution (±0.01%)

[RE-114002] 40% sucrose solution (±0.02%)

[RE-115002] 50% sucrose solution (±0.02%)

Shelf life is 10 days.

Custom concentrations are available upon request.

Accuracy and prices will vary by concentration.

Contact ATAGO for more details.



□ Funnel-type Flow Cell

Save time with the flow cell! No need to clean the prism between measurements.



[RE-56172] RX-5000i, RX-5000i-Plus

[RE-56173] RX-7000i, RX-9000i

□ Digital Printer DP-AD

For printing on regular paper.

Cat.No. 3123 DP-AD

Printing method : Dot impact

Power supply : AC adapter
(AC 100V to 240V)

Power consumption : 7VA

Dimensions & weight : 11×18×9cm, 470g
(Main unit only)



For the utmost in customer satisfaction...

ATAGO offers calibration service in conformance with ISO quality management systems as well as HACCP, GMP and other standards. The following three documents will be issued. (Calibration service is performed at an additional cost.)

- Calibration Certificate
- Traceability Certificate
- Traceability Diagram

1. Appearance Inspection :	
2. Function Inspection :	Sw Dis An
3. Performance Inspection :	
Distilled Water	50.00%
1st	50.00
2nd	50.00

CALIBRATION CERTIFICATE			
Product Name	Digital Refractometer	Model	RX-5000i
Serial No.	999999	Issue No.	999999
Issue Date	October 1, 2019	Serial No.	999999
1. Appearance Inspection :	good	2. Function Inspection :	good
3. Performance Inspection :	good	4. Report Temperature and Humidity :	20.3°C, 55%
5. Calibration Date :	October 1, 2019	6. Inspection by :	Kami Saito
ATAGO CO., LTD.			

Common features	Measurement system : Optical-refraction critical-angle detection system	Ambient Temperature : 5 to 40°C
	Light source : LED	Output terminals : Printer - RS-232C, Computer - USB
	Materials : Sample stage - SUS 316 Prism - Artificial sapphire	Temperature control range : 5.00 to 75.00°C
	Display : 7.5 inch color LCD (touch screen)	(No lower than 10°C below the ambient temperature and no higher than 55°C above the ambient temperature)
	Power supply : AC100V to 240V, 50/60Hz	Dimensions : 37×26×14cm
	Power consumption : 90VA	Weight (Main unit only) : 6.6kg [RX-5000i, RX-5000i-Plus], 7.0kg [RX-7000i, RX-9000i]

Model	Measurement items and ranges	Resolution	Measurement accuracy *repeatability
RX-5000 i-Plus [Cat. No. 3275]	Refractive Index (nD) : 1.32422 to 1.58000 Brix : 0.000 to 100.000% (Automatic Temperature Compensation) User scale : 100	nD : 0.00001 Brix : 0.005% (The third decimal place is 0 or 5.) Temp : 0.01°C	nD : ±0.00002 *±0.00001 Brix : ±0.010% *±0.010% ※1 Temp : ±0.05°C
RX-5000 i [Cat. No. 3276]	Refractive Index (nD) : 1.32422 to 1.58000 Brix : 0.00 to 100.00% (Automatic Temperature Compensation) User scale : 100	nD : 0.00001 Brix : 0.01% Temp : 0.01°C	nD : ±0.00004 *±0.00002 Brix : ±0.03% *±0.01% ※1 Temp : ±0.05°C
RX-7000 i [Cat. No. 3279]	Refractive Index (nD) : 1.32422 to 1.70000 Brix : 0.00 to 100.00% (Automatic Temperature Compensation) User scale : 100	nD : 0.00001 (0.0001)※2 Brix : 0.01% (0.1%)※2 Temp : 0.01°C	nD : ±0.0001 *±0.00005 Brix : ±0.1% *±0.02% ※1 Temp : ±0.05°C
RX-9000 i [Cat. No. 3278]	Refractive Index (nD) : 1.32422 to 1.70000 Brix : 0.00 to 100.00% (Automatic Temperature Compensation) User scale : 100	nD : 0.00001 Brix : 0.01% Temp : 0.01°C	nD : ±0.00004 *±0.00002 ※3 Brix : ±0.03% *±0.01% ※4 Brix : ±0.05% *±0.01% ※5 Temp : ±0.05°C

※1 : When measuring a standard sucrose solution of up to 50% Brix or standard refractive index solution in MODE-1 at 20°C.

※3 : nD 1.33299 to 1.42009, 10 to 30°C. For other ranges, (nD) ±0.00010 *±0.00005

※5 : Brix 50.01 to 95.00%, 10 to 30°C. For other ranges, Brix ±0.10% *±0.02%

※2 : Factory default setting.

※4 : Brix 0.00 to 50.00%, 10 to 30°C

All ATAGO refractometers are designed and manufactured in Japan.

ATAGO CO., LTD.



HACCP GMP GLP

ATAGO products comply with HACCP, GMP, and GLP system standards.

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[ENV.05] 13110000PP Printed in Japan