

Refractometer (Automatic Temperature Compensation & Water Resistant) MASTER-53α



Enlargement

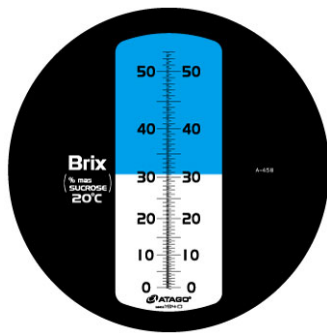
about the icons



MASTER-53α are capable of measuring not only various kinds of juice, coffee, and other beverages but also processed food such as sauce, ketchup, low calorie jam, etc. Measurement range becomes wider from existing N-50E, with MASTER-53α / MASTER-53Pa can be measured Brix0.0 to 53.0%. These are an Automatic Temperature Compensation (ATC) model with water resistant feature (IP65).

The MASTER-53α is made of metal, and the MASTER-53Pa is plastic. The specifications are exactly the same. For salty and acidic samples, choose the plastic body, MASTER-53Pa.

***Verification with the 10% Sucrose Solution (RE-110010), 20% Sucrose Solution (RE-110020), 30% Sucrose Solution (RE-110030), 40% Sucrose Solution (RE-110040) or 50% Sucrose Solution (RE-110050).**



Specifications

Model	MASTER-53α
Cat.No.	2351
Scale	Brix
Measurement Range	Brix : 0.0 to 53.0% (Automatic Temperature Compensation)
Minimum Scale	Brix : 0.2%
Measurement Accuracy	Brix : ±0.2% (at 20°C)
Repeatability	Brix : ±0.1% (20°C)ATC
International Protection Class	IP65 (except eye piece) Dust-tight and Protected against water jets.
Dimensions & Weight	3.2 x 3.4 x 16.8cm, 130g



Quantity Request Quotation



Options

- SUPER EXTRACTOR : RE-29401
- 10% Sucrose (±0.03%) : RE-110010
- 20% Sucrose (±0.03%) : RE-110020
- 30% Sucrose (±0.03%) : RE-110030
- 40% Sucrose (±0.04%) : RE-110040
- 50% Sucrose (±0.05%) : RE-110050
- 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.