

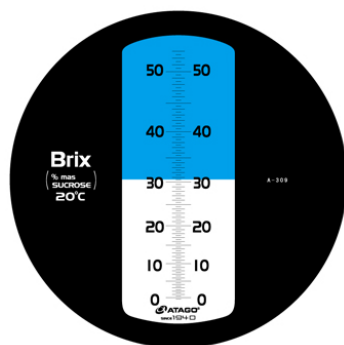


Refractometer (Automatic Temperature Compensation & Water Resistant) MASTER-53Pα



MASTER-53Pα 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-53Pα 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-53Pα is plastic. The specifications are exactly the same. For salty and acidic samples, choose the plastic body, MASTER-53Pα.

***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-53Pα
Cat.No.	2971
Scale	Brix
Measurement Range	Brix : 0.0 to 53.0% (Automatic Temperature Compensation)
Minimum Scale	Brix : 0.5%
Measurement Accuracy	Brix : ±0.5% (10 to 30° C)
Repeatability	Brix : ±0.25%
International Protection Class	IP65 (except eye piece) Dust-tight and Protected against water jets.
Dimensions & Weight	3.2 x 3.4 x 16.8cm, 90g

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-2391-50M
- * Calibration Certificate : Contact an ATAGO representative for details.

Parts

- Daylight plate : RE-2315-61M