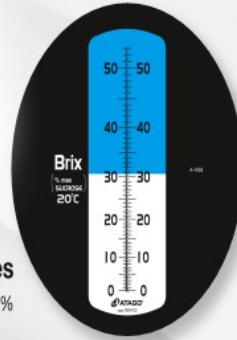# MASTER series

Choose the right model for your sample, based on the features and materials of the instrument.

Brix scale examples
MASTER-53α Brix 0 to 53%

Features 6 types

Both the α and T types are equipped with the Automatic Temperature Compensation feature. Choose the α type for the added feature of IP 65 water-resistance.
The H type is the heat-resistant version of the α type.

Series / Model	α	T	M	H	53S	500
Water resistant	●	–	–	●	●	●
Automatic temperature compensation	●	●	–	●	●	–
Heat resistant	–	–	–	●	–	●
Milky sample	–	–	–	–	●	–

MASTER-53S
for Milky sample

Opaque, inhomogeneous liquids can be difficult to get a clear boundary line with a conventional refractometer. This model is recommended for cream-based sauces, yogurt, mayonnaise, and various emulsions used in industrial processing.

Milk   Mayonnaise   Yogurt   Mold release agent

MASTER-500
0 to 90% Wide Brix Range

■ Understanding model na

A model name consists of the scale

Brix Scale **MASTE**

Example Measuring sauces

Sample information
● About 40 % Brix (see **A** in chart below)
● Salty
● Oily

Material 2 types Choose eith

Metal

Die-cast alumi

Ideal for the agricultur
metal working fluids, a
high-temperature sam
Resistant to organic s

■ Brix of Various Samples

Brix (%)		Food industry
(RI) 1.333 — 0	**Drinks** Green tea	
1.34 — 5	Beer	**Fruits / Vegetables** **Seasonings** Miso soup
10	Coffee Soy milk Cola Milk	Tomato Strawberry Lemon Orange Apple Prince melon
1.35 —		
15		Beef curry Demiglace (sauce Orange jelly
1.36 — 20	Lactic acid- bacteria beverage	
1.37 —		Canned syrup
1.38 — 30		
		Ketchup
1.39 —		Soy sauce
1.40 — 40		Sauce **A** Lo
50		Egg yolk
60	**Fats** Butter	
70	Olive oil	**Honey** Ja
80		Honey Starch Syrup
1.50 — 90		