

ATAGO® DIGITAL REFRACTMETER

Palette™ Series

Timeless Quality and Performance.
Unfailing Reliability.

- High accuracy ($\pm 0.1\%$) available in a compact model
- 3 user-programmable scales available
- Convenient temperature display
- Automatic Temperature Compensation (ATC)
- External Light Interference (ELI) 
- 2-year warranty

<Brix Scales>

Low Concentration PR™ -32α

Cat.No.3405



0.0 to 32.0% Brix. Suitable for coffee, wort, fresh fruits, metal working fluids, and more.

RNG : Brix 0.0 to 32.0%
ACC : $\pm 0.1\%$
TMP : 5 to 40°C (ATC)
RES : 0.1%

Low & Middle Concentration PR™ -101α

Cat.No.3442



0.0 to 45.0% Brix. Suitable for sauces, soups, jellies, soft drinks, and more.

RNG : Brix 0.0 to 45.0%
ACC : $\pm 0.1\%$
TMP : 5 to 40°C (ATC)
RES : 0.1%

Wide Range PR™ -201α

Cat.No.3452



0.0 to 60.0% Brix. Suitable for a wide range of food, beverages, chemicals, and industrial products.

RNG : Brix 0.0 to 60.0%
ACC : $\pm 0.1\%$
TMP : 10 to 40°C (ATC)
RES : 0.1%

High Concentration PR™ -301α

Cat.No.3462



45.0 to 90.0% Brix. Suitable for syrups, jam, jellies, and more.

RNG : Brix 45.0 to 90.0%
ACC : $\pm 0.1\%$
TMP : 10 to 40°C (ATC)
RES : 0.1%

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<Special Scales>

PRTM - RI

Refractive Index

Cat.No.3480



Refractive Index. Suitable for various raw materials and chemicals.

RNG : Refractive Index 1.3306 to 1.4436
ACC : ± 0.0002 (Water at 20°C)
TMP : 5 to 45°C
RES : 0.0001

PRTM - 50HO

Hydrogen Peroxide

Cat.No.3478



0.0 to 50.0% hydrogen peroxide concentration. Popular disinfectant in the food and dairy industries.

RNG : Hydrogen peroxide 0.0 to 50.0% (W/W)
ACC : $\pm 0.5\%$
TMP : 5 to 40°C (ATC)
RES : 0.1%

PETTM - 109

Ethyl Alcohol

Cat.No.3486



0.0 to 45.0% ethanol concentration. Commonly used as a fuel (additive), antiseptic, and solvent. Ethyl alcohol(v/v)range model is available. Contact ATAGO for more details.

RNG : Ethyl alcohol 0.0 to 45.0% (W/W)
ACC : $\pm 0.5\%$ (0 to 30%)
* Concentration of about 40% , $\pm 0.8\%$
Concentration of about 45% , $\pm 1.2\%$
TMP : 10 to 35°C (ATC)
RES : 0.1%

PRTM - 60PA

Ethyl Alcohol

Cat.No.3477



0.0 to 60.0% IPA concentration. Commonly used as a solvent, sanitizer, and preservative in labs.

RNG : Isopropyl alcohol 0.0 to 60.0% (W/W)
ACC : $\pm 0.5\%$ (0 to 30%)
* Concentration of about 40% , $\pm 0.8\%$
Concentration of about 60% , $\pm 1.6\%$
TMP : 10 to 35°C (ATC)
RES : 0.1%

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<Special Scales>

Dimethylformamide

PR™ -40DMF

Cat.No.3489



DMF

0.0 to 40.0% DMF concentration. Used in the production of plastics, adhesives, fibers, and surface coatings.

RNG : Dimethylformamide 0.0 to 40.0% (W/W)
ACC : $\pm 0.3\%$
TMP : 5 to 40°C (ATC)
RES : 0.1%

Salinity

PR™ -100SA

Cat.No.3488



Sea Water

Salinity of seawater.
An important parameter in aquaculture.

RNG : Salinity 0 to 100‰ (W/W)
ACC : $\pm 2\%$
TMP : 5 to 40°C (ATC)
RES : 1‰

Plato

PR™ -Plato

Cat.No.3429



Plato

The PR-Plato is designed for breweries to measure the specific gravity of sweet wort in degrees Plato.

RNG : Plato 0.0 to 30.0%
ACC : $\pm 0.1^{\circ}\text{P}$
TMP : 5 to 40°C (ATC)
RES : 0.1%

● Reference

RNG : Measurement range
ACC : Measurement accuracy
TMP : Measurement temperature
RES : Resolution

● Common Specifications

Ambient temperature	Equivalent to temperature compensation range.
Power supply	006P alkaline battery (9V)
International protection class	IP65 Water resistant
Dimensions and weight	17×9×4cm, 270g (main unit only)

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