



DIGITAL HAND-HELD "POCKET" REFRACTOMETER

**PAL-LOOP**



Cat.No.3842

**Special Anniversary model! New Continuous Measurement Feature expands traditional measuring methods.**

**Easy Continuous Measurements!**

Once the START key is pressed, measurements are taken every second.

**Conventional Single Measurement Option!**

2 options tailored to meet your needs - select either the new continuous or conventional single measurement mode.

**Measurement Method**



Apply 2-3 drops onto the prism surface.



Press the START key.



The Brix (%) will be displayed in 3 seconds. The PAL-LOOP will take continuous measurements, displaying the measured Brix value each second.



**Features**

- 2 Measurement modes
- Calibration with water only
- Measurement in 3 seconds
- Extremely water resistant (IP65)
- Light & compact, 100g
- Ergonomically designed for easy, one-handed operation
- Convenient storage case
- Automatic Temp. Compensation (ATC)
- Designed with a strap holder option



Can be washed under running water

Actual Size

**Specifications**

Measurement mode	: ① Regular (single measurement) ② Continuous (measure and display repeatedly)
Measurement range	: Brix 0.0 to 85.0%
Resolution	: Brix 0.1%
Measurement accuracy	: Brix ±0.2%
Repeatability	: Brix ±0.1%
Ambient Temperature	: 10 to 40°C
Measurement Temperature	: 10 to 75°C (Automatic Temperature Compensation)
Sample volume	: 0.3ml or more
Measurement time	: 3 seconds
Power supply	: AAA alkaline battery × 2
Battery life	: Approx. 11,000 measurements (Using new alkaline batteries)
International Protection Class	: IP65 Water resistant
Dimensions and weight	: 55(W) × 31(D) × 109(H)mm, 100g

All ATAGO refractometers are designed and manufactured in Japan.



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

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※Specifications and appearance are subject to change without notice.

