



DIGITAL HAND-HELD "POCKET" REFRACTOMETER

65th
anniversary

PAL-α

Cat.No.3840

**Special Anniversary model
with a wide Brix range 0 to 85%!!**



Actual Size

Measurement Method



Apply 2-3 drops onto the prism surface.



Press the START key.



The measurement value will be displayed in 3 seconds.

Application

- * Outdoors in the vegetable fields and fruit orchards
- * Indoors for beverages (fruits juice, coffee, soft drink, etc) and foods (soy sauce, sauce, seasoning, soup, jam, marmalade, maple syrup, etc.)
- * At fruit and vegetable packing facilities and in the supermarket
- * At restaurants or shops
- * At junior high schools, high schools, or universities as course material

Features

- * 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 Temperature Compensation (ATC)
- * Designed with a strap holder option



Specifications

Measurement range	: Brix 0.0 to 85.0%
Resolution	: Brix 0.1%
Measurement accuracy	: Brix $\pm 0.2\%$
Repeatability	: Brix $\pm 0.1\%$
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 $\times 2$
Battery life	: Approx. 11,000 measurements (Using new alkaline batteries)
International Protection Class	: IP65 Water resistant
Dimensions and weight	: 55(W) $\times$ 31(D) $\times$ 109(H)mm, 100g

All ATAGO refractometers are designed and manufactured in Japan. **HACCP G.M.P. G.L.P.**

ATAGO products are acknowledged by HACCP, G.M.P. and G.L.P.

ATAGO CO.,LTD.

Headquarters: 32-10, Honcho, Itabashi-ku, Tokyo 173-0001 Japan
TEL: 81-3-3964-6156 FAX: 81-3-3964-6137
overseas@atago.net <http://www.atago.net/>

ATAGO U.S.A., Inc.

12011 NE First Street, Bldg. C, Suite 110 Bellevue, WA 98005 U.S.A.
TEL: 1-425-637-2107 FAX: 1-425-637-2110
customerservice@atago-usa.com <http://www.atago.net/>

ATAGO INDIA Instruments Pvt. Ltd.

A-501, Mangal Aarambh Business Centre, Near Kora Kendra, Off. S.V. Road, Borivali (West), Mumbai-400 092 India
TEL: 91-22-2833-8038 / 8076 FAX: 91-22-2899-8164
customerservice@atago-india.com



※Specifications and appearance are subject to change without notice.



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