

# DIGITAL HAND-HELD "POCKET" REFRACTOMETER

Actual Size



# PAL-MAPLE

Cat.No.3849



Trusted by Top Maple Producers  
**0 to 85% Brix!**

## How Can The PAL-MAPLE Work For You?

- \* This is an all-purpose instrument to measure sap AND syrup - Brix range 0.0 to 85.0%!
- \* Use less sample than a hydrometer: Leave the cup, bring a teaspoon!
- \* Measurement takes only 3 seconds!
- \* Made with durable ABS resin to withstand years of use, the PAL-MAPLE is water resistant and can be cleaned with a faucet!
- \* The digital display eliminates any confusion from analog or hydrometer readings!

## - Why Use the PAL-MAPLE? -

- \* The PAL-MAPLE offers several benefits over other forms of measurement, such as hydrometers. The PAL-MAPLE only requires about a teaspoon of sample to measure the Brix, which is much less than a full hydrometer cup. Our instrument is also capable of handling high temperature samples, and will even automatically compensate the readings for temperatures up to 75°C!
- \* Using the PAL-MAPLE is easy - Just fill up the sample area and press "Start" to get a reading within 3 seconds. The unit is water resistant to withstand cleaning under a faucet, and it is small and light enough to fit in your pocket. The PAL-MAPLE runs off of regular AAA batteries, and like other ATAGO instruments, it is built to last. As a trusted name in scientific instrumentation for nearly 70 years, ATAGO knows the importance of having reliable equipment on hand.

## How to Use



Fill sample stage with sap or syrup.



Press the START key.



The measurement value will be displayed in 3 seconds.

## Specifications

Measurement range	: Brix 0.0 to 85.0%
Resolution	: Brix 0.1%
Measurement accuracy	: Brix ±0.2%
Ambient Temperature	: 10 to 40°C
Measurement Temperature	: 10 to 75°C (Automatic Temperature Compensation)
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.

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

## ATAGO CO.,LTD.

Headquarters: The Front Tower Shiba Koen, 23rd Floor  
2-6-3 Shiba-koen, Minato-ku, Tokyo 105-0011, Japan  
TEL : 81-3-3431-1943 FAX : 81-3-3431-1945  
overseas@atago.net http://www.atago.net/

### ATAGO U.S.A., Inc.

TEL : 1-425-637-2107 customerservice@atago-usa.com

### ATAGO INDIA Instruments Pvt. Ltd.

TEL : 91-22-2833-8038 / 8076 customerservice@atago-india.com

### ATAGO (THAILAND) Co., Ltd.

TEL : 662-982-8718-9 customerservice@atago-thailand.com

### ATAGO BRASIL Ltda.

TEL : 55 16 3916-6000 customerservice@atago-brasil.com

### ATAGO ITALIA s.r.l.

TEL : 39 2 36557267 customerservice@atago-italia.com

### ATAGO CHINA Guangzhou Co., Ltd.

TEL : 86 20-38106065 info@atago-china.com



\* Specifications and appearance are subject to change without notice.

