



PAL-BX/RI features a dual scale.  
Brix (wide range 0.0-93.0%) and  
Refractive Index (resolution 0.0001).

## Digital Hand-held "Pocket" Dual Scale Refractometer

# PAL-BX/RI

Cat.No.3852

## Measurement Method



1. Place the sample onto the prism surface.



2. Press the START key.

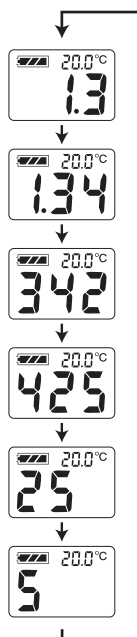


3. The measurement value will be displayed in 3 seconds.

4. Press the START key for 2 seconds while the Brix (%) is indicated, to display the Refractive Index and temperature. Press the START key (one time) to return to the Brix (%) scale.

### Example of display

Display of the measurement value "1.3425" and "20°C".



The measurement value for Refractive Index will scroll from right to left.



Quick & Easy cleanup!



Actual size

## Features

- Requires only a few drops of sample
- Measurement in 3 seconds
- Ergonomically designed for easy, one-handed operation
- Light & Compact, 100g
- Designed with a strap holder option
- Highly water resistant (IP65)
- Convenient storage case
- Battery power indicator

## Specifications

Measurement range	Brix : 0.0 to 93.0% (9.0 to 99.9°C) Refractive Index (RI) : 1.3306 to 1.5284 (5.0 to 45.0°C)
Resolution	Brix : 0.1%    Refractive Index : 0.0001    Temperature : 0.1°C
Measurement accuracy (Automatic Temperature Compensation)	Brix : ±0.1%    Refractive Index : ±0.0003 (Water at 20°C) Temperature : ±1°C
Measurement temperature	10 to 100°C (Brix only)
Ambient temperature	10 to 40°C
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 (main unit only)

\* The displayed measurement value for Refractive Index is not temperature compensated.  
The reading is the Refractive Index of the sample at the temperature displayed.

All ATAGO refractometers are designed and manufactured in Japan.

**ATAGO CO.,LTD.**



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

**HACCP GMP GLP**

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