

## Digital Hand-held "Pocket" Refractometer

**Pocket PAL-2**  
Cat.No.3820  
Brix 45.0~93.0%

**Pocket PAL-3**  
Cat.No.3830  
Brix 0.0~93.0%

**The Digital Hand-held "Pocket" Refractometer PAL-2, PAL-3 Will Change the Way of Measuring Your Sample.**

Everyone is talking about the new "Pocket" as featured on recent TV programs and Magazines



Always clean and shiny - can be easily rinsed under running water.

### Feature

- Calibration with water only
- Extremely water resistant (IP65)
- Light & Compact, 100g
- Revolutionary new feature E.L.I.\*
- Automatic Temperature Compensation (ATC)
- Measurement in 3 seconds
- Ergonomically designed for one-handed operation
- Equipped with a strap holder option
- Convenient storage case

\* External Light Interference (E.L.I.)-Patent Pending

When intense light penetrates the prism of a digital refractometer, the light waves interfere with the sensor resulting in inaccurate readings.

To ensure accurate measurement results each time, the Pocket is programmed with the E.L.I. function to display the warning message "nnn" when intense direct light is detected. Forming a habit of shading the sample stage with your hand and re-pressing the START key (when the warning message from the E.L.I. function is displayed) will ensure accurate measurement results each time.

### Specifications

- Measurement Range : **PAL-2** Brix 45.0~93.0%  
**PAL-3** Brix 0.0~93.0%
- Resolution : Brix 0.1%
- Measurement Accuracy : Brix  $\pm 0.2\%$
- Measurement Temperature : 10~60°C
- Automatic Temperature Compensation  
(Boiled samples over 100°C can be measured under specified conditions. Please contact ATAGO for further details.)
- Power Supply : 2 x AAA Batteries
- International Protection Class : IP65 Water Resistant
- Dimensions and Weight : 55(W)×31(D)×109(H)mm, 100g

### Application

- At fruit and vegetable farming orchards
- At beverage factories... fruit juices, coffee, soft drinks, etc.  
juice concentrates, etc.
- At food factories... soy sauce, various sauces, etc.  
syrops, jellies, etc.  
seasoning, soups  
jams, marmalade, honey, etc.  
condensed milk, etc.
- At fruit and vegetable markets or supermarkets
- At restaurants or food shops
- In Junior High, High Schools, or Universities as a course material

PAL-2 High Brix	PAL-3 Full Range
	○
	○
○	○
	○
○	○
	○
○	○
○	○
	○
○	○
○	○



**ATAGO®**

The PAL series can measure high temperature samples during the heating or cooking process. (The measured Brix value will stabilize after taking a few repeated measurements.)