

# Soy Milk Digital Hand-held "Pocket" Refractometer

## PAL-27S

Cat.No.4427



Easy measurement for soy milk concentration in just 3 seconds.



**Digital**  
No more subjective readings!

## Know your Soy Milk Concentration.

### Purpose of Use

- For crucial management of soy milk concentration in tofu production.
- To ensure and maintain the quality of soy milk beverages and products.

### How to Measure



### Reasons to choose PAL-27S

- Digital display -no more boundary line
- Calibration with water only -no more calibration liquids
- Rinse under running water
- Measurement time; only 3 seconds!
- Measure indoors & outdoors
- Temperature display



### Specification

Measurement Range	Soy milk concentration : 0.0 to 20.0%
Resolution	Soy milk concentration : 0.1%
Measurement Accuracy	Soy milk concentration : ±0.2%
Measurement Temperature	10 to 100°C (Automatic Temperature Compensation)
Ambient Temperature	10 to 40°C
Sample Volume	0.3ml
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 (Main unit only)

• Bittern (Magnesium chloride) Refractometer PAL-43S is also available.

### Accessories

• PAL Silicone Cover



**Convenient!**

• PAL-strap



## Soy Milk Refractometer MASTER-SoyMilk α/M

The MASTER-SoyMilk series has become a quintessential tool for soy food products manufacturers. This dual-scale unit can measure the concentrations of soybean solids as well as of "nigari" (magnesium chloride) used in tofu production. The soybean solid concentration scale complies with measurements by infrared moisture meters.



Model	MASTER-SoyMilk α	Cat.No.2681	MASTER-SoyMilk M	Cat.No.2683
Scale range	Soy milk concentration (soybean solids) 0.0 to 20.0%, Magnesium chloride concentration 0.0 to 12.0%			
Minimum Scale	Soy milk concentration (soybean solids) 0.2%, Magnesium chloride concentration 0.2%			
Measurement Accuracy	Soy milk concentration (soybean solids) ± 0.5%		—	
International Protection Class	IP65 (except eye piece)		—	
Dimensions and Weight	Dust-tight and Protected against water jets. 3.2×3.4×16.8cm, 90g			

**ATAGO CO.,LTD.**  
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CE HACCP GMP GLP

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

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ENV.04 1507K Printed in Japan