

# Digital Hand-held "Pocket" Snow-melting agent De-icing fluid Refractometer

For concentration checks of  
Snow-melting agent  
for airport runways and roads!



## Purpose of Use



The correct dilution of antifreeze is necessary for effectively preventing ice buildup on streets, highways, and airports runways.

## How to Measure



1 Place the sample onto the prism surface.

2 Press the START key.

3 The measurement value will be displayed in 3 seconds.

## Reason to choose



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

\*Automatic Temperature Compensation

	PAL-03S Sodium Chloride	PAL-41S Calcium Chloride	PAL-43S Magnesium chloride
Measurement Range	0.0 to 28.0% (g/100g)	0.0 to 30.0% (g/100g)	0.0 to 30.0% (g/100g)
Resolution	Temperature 10.0 to 40.0°C		
Measurement Accuracy	0.1%, Temperature 0.1°C		
Measurement Temperature	±0.2%, Temperature ±1°C		
Ambient Temperature	10 to 40°C (ATC*)		
Sample Volume	10 to 40°C		
Measurement Time	0.3ml or more		
Power Supply	3 seconds		
Battery Life	2 alkaline batteries		
International Protection Class	Approx. 11,000 measurements (Using a new alkaline battery)		
Dimensions and Weight	IP65 Water Resistant		
	55 (W)×31(D)×109(H)mm, 100g (Main unit only)		

## Accessories

• PAL-case  
Clipped to your belt



• Strap



Convenient!

All ATAGO refractometers are designed and manufactured in Japan.

**HACCP GMP GLP**

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

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