

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.

Accessories

● PAL-case
Clipped to your belt



● Strap



Convenient!

Reason to choose



Digital display
-no more boundary line



water

Calibration with water only
-no more calibration liquids



IP65

Rinse under running water



seconds

Measurement time, only 3 seconds!



ELI

Measure indoors & outdoors



°C

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 0.1%, Temperature 0.1°C		
Measurement Accuracy	±0.2%, Temperature ±1°C		
Measurement Temperature	10 to 40°C (ATC※)		
Ambient Temperature	10 to 40°C		
Sample Volume	0.3ml or more		
Measurement Time	3 seconds		
Power Supply	2 alkaline batteries		
Battery Life	Approx. 11,000 measurements (Using a new alkaline battery)		
International Protection Class	IP65 Water Resistant		
Dimensions and Weight	55 (W) × 31 (D) × 109 (H)mm, 100g (Main unit only)		

HACCP GMP GLP

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

All ATAGO refractometers are designed and manufactured in Japan.

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※Specifications and appearance are subject to change without notice.

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