

Easy to use!

High performance!

Great low price!

ATAGO®

Propylene Glycol Checker!!

Digital Hand-held "Pocket" Propylene Glycol Refractometer

PAL-88S, PAL-89S

Cat.No.4488,4489

The "Pocket" Propylene Glycol Refractometers, PAL-88S, and PAL-89S, easily measures Propylene Glycol solutions and display the results digitally. The freezing point of the sample can also be measured and displayed.

Feature

- Calibration with water only
- Measurement in 3 seconds
- Extremely water resistant (IP65)
- Light & Compact, 100g
- Ergonomically designed for easy, one-handed operation
- Convenient storage case
- Automatic Temperature Compensation (ATC)
- Designed with a strap holder option

Measuring 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 ***Secondary Scale:** Press the START key for 2 seconds while the concentration (%) is indicated, to display the freezing point (°C/°F).



Actual size

Specifications

	PAL-88S	PAL-89S
Measurement range		
Concentration of Propylene Glycol *Main scale	0.0~90.0% (V/V)	0.0~90.0% (V/V)
Freezing point of Propylene Glycol *Secondary scale	0~-50°C	32~-60°F
Resolution		
Concentration of Propylene Glycol *Main scale	0.2% (V/V)	0.2% (V/V)
Freezing point of Propylene Glycol *Secondary scale	1°C	1°F
Measurement accuracy		
Concentration of Propylene Glycol *Main scale	±0.4% (V/V)	±0.4% (V/V)
Freezing point of Propylene Glycol *Secondary scale	±1°C	±1°F
Measurement temperature	10~40°C (Automatic Temperature Compensation)	50~104°F
Sample volume	0.3ml or more	
Measuring time	3 seconds	
International Protection Class	IP65 Water Resistant	
Power supply	2 × AAA alkaline battery	
Battery life	Approx 11,000 measurements (When an alkaline battery is used)	
Dimensions and weight	55(W) × 31(D) × 109(H)mm, 100g (Main Unit only)	

All ATAGO refractometers are designed and manufactured in Japan.

CE HACCP G.M.P. G.L.P.

ATAGO products are acknowledged by HACCP, G.M.P. and G.L.P.



※Specifications and appearance are subject to change without notice.

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