

Simple concentration monitoring system.  
Never miss a concentration change  
with real-time readings!

*Pan*  
REFRACTOMETER

## Digital Immersion Refractometer

# PAN-1

Cat. No.3596

### ■ Applications

- Metal-working fluids
- Water-based cleaning fluids
- Food

**Automatic  
continuous  
measurement!**

Once START is pressed,  
the unit continues to  
take measurements  
every 30 seconds.

**Rugged construction  
for reliable long-term  
performance!**

The immersed part is  
made of SUS 316  
stainless-steel.



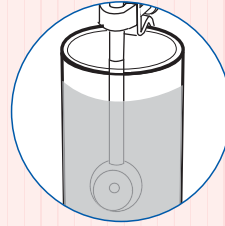
**Simply clip the  
unit on to the side of  
a container or pot!**

No special equipment  
is needed for the  
set-up.

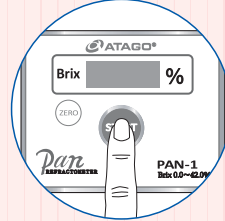
 **ATAGO®**

## Measurement Method

- Submerge the prism in the liquid.
- Press the START key.
- Measurements are taken every 30 seconds.



- Press the START key.



Blinks three times

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Brix 16.0

Temperature 80.0°C

Brix 16.0

Readings are displayed in the order of Brix, temperature, and then Brix.

※ Brix and temperature measurements are taken every 30 seconds and displayed in the above order.

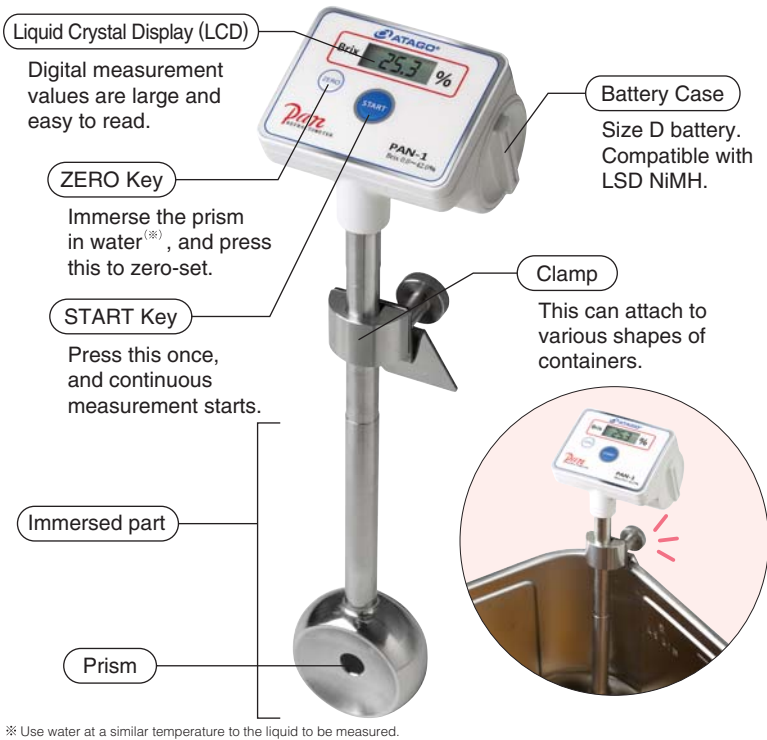
## Displayed Value

This instrument measures the refractive index of a liquid and displays the converted value in "Brix," which is a percentage measurement of sugar in water. The concentration of a substance other than sugar can be calculated by creating a conversion table of the desired concentration % and corresponding Brix %. Contact ATAGO for further details.

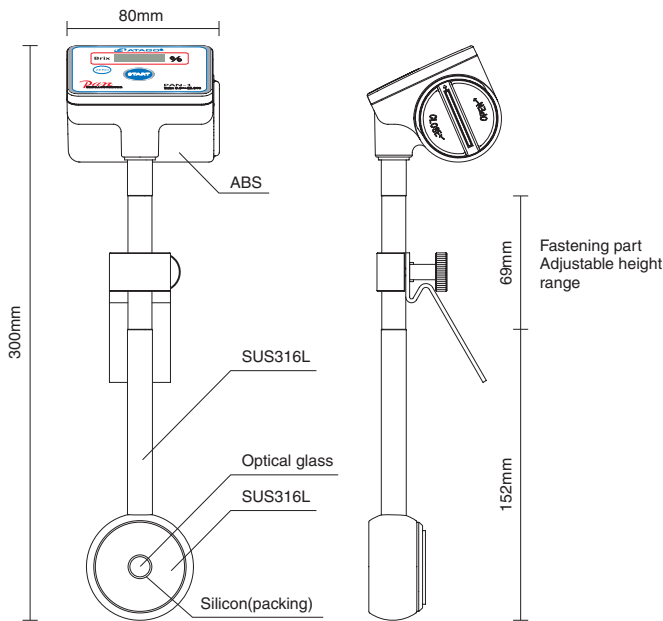
## Specifications

PAN-1		Cat. No.3596
Measurement range	Brix 0.0 to 42.0% Temperature 10.0 to 99.9°C	
Resolution	Brix 0.1% Temperature 0.1°C	
Measurement accuracy	Brix ±0.2% Temperature ±0.5°C	
Measurement temperature	10 to 95°C	
International Protection class	Immersed part	IP67
	Display	IP65
Dimensions and weight	80(W)×300(L)×72(H)mm 610g (main unit only)	
Battery life	2 months(when an alkaline battery is used)	
Power supply	Size D alkaline battery × 1 Compatible with LSD NiMH.	
Ambient temperature	10 to 45°C	
Accessories	① Size D battery ② Instruction manual	

## Names and Functions of Components



## Dimensions



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.