

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.

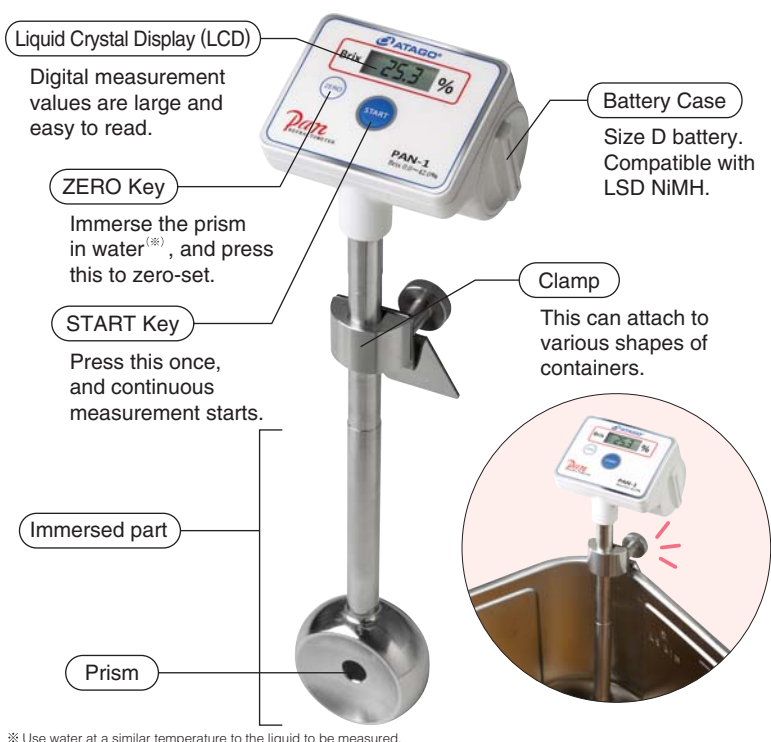


**Simply clip the
unit on to the side of
a container or pot!**

No special equipment
is needed for the
set-up.

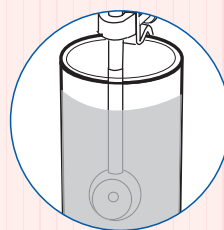
ATAGO®

Names and Functions of Components

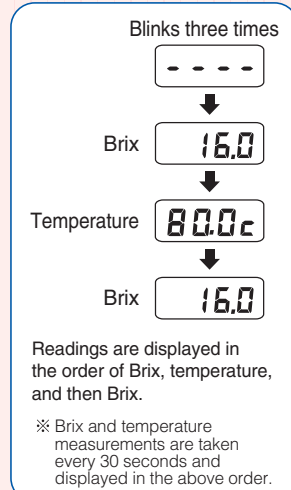
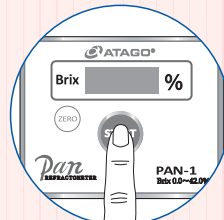


Measurement Method

- ① Submerge the prism in the liquid.
- ② Press the START key.
- ③ Measurements are taken every 30 seconds.



- ② Press the START key.



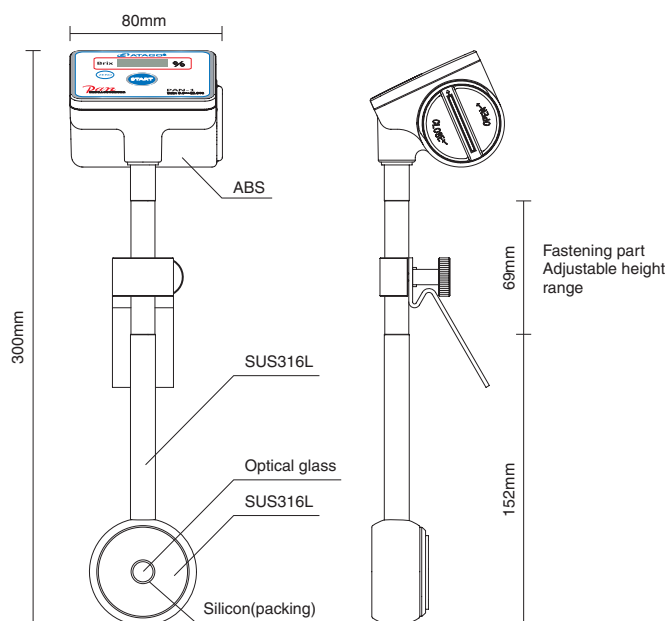
Displayed Value

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 $\pm 0.2\%$ Temperature $\pm 0.5^\circ\text{C}$
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

Dimensions



All ATAGO refractometers are designed and manufactured in Japan.

ATAGO CO.,LTD.



HACCP GMP GLP

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

* Specifications and appearance are subject to change without notice.