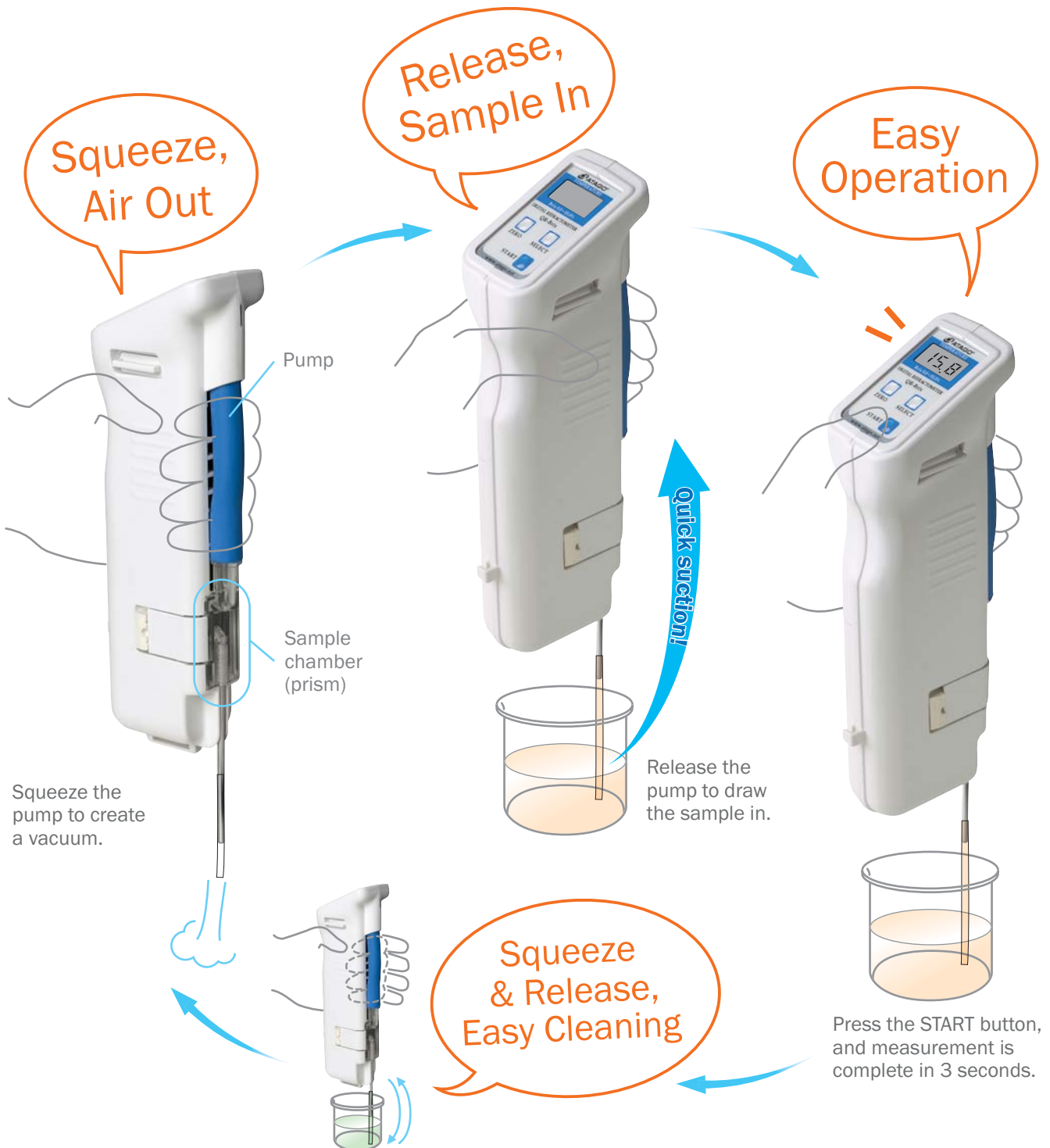


Digital Suction-Type Refractometer

QR-Brix Cat.No.3353



Single-handed operation from measurement to cleaning, without touching any liquid!

No more cumbersome cleaning. Lightweight, compact, and battery-operated for maximum portability. Ideal for hazardous or volatile sample measurements.

Recommended uses

Food and beverage applications

- Soft drinks
- Salt water and condiments
- Brines and soups

Industrial applications

- Chemical solutions
- Metal-working fluids
- Coolants
- Battery fluids

Custom scales are available upon request.

Example :

- Saline concentration (specific gravity or degrees Baume)
- Sodium hydroxide concentration
- Ethylene glycol concentration and freeze point

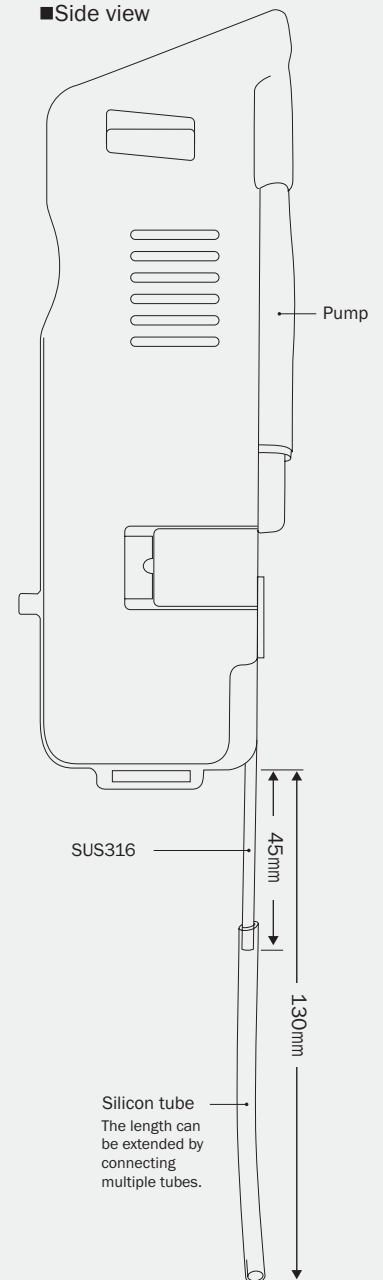
Non-recommended uses

- ① High refractive index samples, such as organic solvents, hydrocarbons, and petroleum.
 - ② Samples that are viscous, oily / fatty, murky, or high in undissolved solid content.
- ※ Capable of measuring liquids with a viscosity of up to 210 centipoise (cP), which equals to a 67% Brix sucrose solution at 20°C.

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.

■Side view



■Face panel



<Actual size>

QR-Brix	Cat. No. 3353
Measurement range	Brix 0.0 to 55.0%; temperature 5 to 40°C
Resolution	Brix 0.1%; temperature 0.1°C
Accuracy	Brix ±0.2% (with sucrose solution); temperature ±1°C
Sample temperature range	5 to 40°C (Automatic Temperature Compensation)
Ambient temperature range	5 to 40°C
Measurement time	Approximately 3 seconds
Sample volume	At least 2 ml
Power supply	006P battery(9V)
Materials	Main body and detection section: ABS resin Sample chamber cover: AS resin
International Protection class	IP64
Dimensions and weight	70 × 40 × 210 mm (excluding nozzle), 300 g The maximum possible length of nozzle: 130 mm
Accessories included	One 95 mm stainless pipe, one 95 mm silicon tube

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.