

ATAGO® SUCTION-TYPE REFRACTOMETER

QR™ / DH™

Single-handed
Operation
without Contact.

Squeeze,
Air Out

Release,
Sample In

Easy
Operation



Press the START
button, and
measurement is
complete in 3
seconds.

Face Panel



Sample is drawn through the nozzle (tube) and measured. The QR™ series is ideal and useful for measuring samples without direct contact, for measuring the concentration in the center of a container, or for measuring volatile samples. Cleaning is done simply by drawing and discharging water for a few times. The prism chamber can also be opened up for removal of persistent residues.

Digital Suction-Type Refractometer

	QR™ -NaOH Cat.No.3354	QR™ -HSO Cat.No.3355
Measurement range	Sodium hydroxide 0.0 to 38.0% Temp 5 to 40°C	Sulfuric acid 0.0 to 35.0% Temp 5 to 40°C
Resolution	Sodium hydroxide 0.1% Temp 0.1°C	Sulfuric acid 0.1% Temp 0.1°C
Measurement accuracy	Sodium hydroxide ±0.2 % Temp ±1°C	Sulfuric acid ±0.3 % Temp ±1°C
Measurement temperature	5 to 40°C (ATC)	
Power supply	006P alkaline battery (9V)	
International protection class	IP64 Water resistant	
Dimensions and weight	7×4×21cm (without nozzle), 300g, Nozzle : 24cm	

Digital Hydrometer

	DH™ -10C Cat.No.3446	DH™ -10F Cat.No.3447
Measurement range	Specific gravity electrolyte 1.000 to 1.400	
Resolution		0.001
Measurement accuracy	±0.002 (10 to 30°C) ±0.003 (0 to 10 and 30 to 40°C) ±0.005 (-10 to 0 and 40 to 50°C)	±0.002 (50 to 86°F) ±0.003 (32 to 50 and 86 to 104°F) ±0.005 (14 to 32 and 104 to 122°F)
Sample chamber temperature	-10 to 50°C	14 to 122°F
Power supply	006P alkaline battery (9V)	
Dimensions and weight	7×4×21cm, 235g (main unit only)	

Calibration solutions on Page 99