

For lead acid batteries



No more cumbersome cleaning. Lightweight, compact, and battery-operated for maximum portability.

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

# Digital Hydrometer

**DH-10C**  
Cat.No.3446

**DH-10F**  
Cat.No.3447

**Specific gravity of sulfuric lead-acid battery fluid**

**A**utomatic  
**T**emperature  
**C**ompensation

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**Measures specific gravity and temperature simultaneously.**

 **ATAGO**®

# Digital Hydrometer

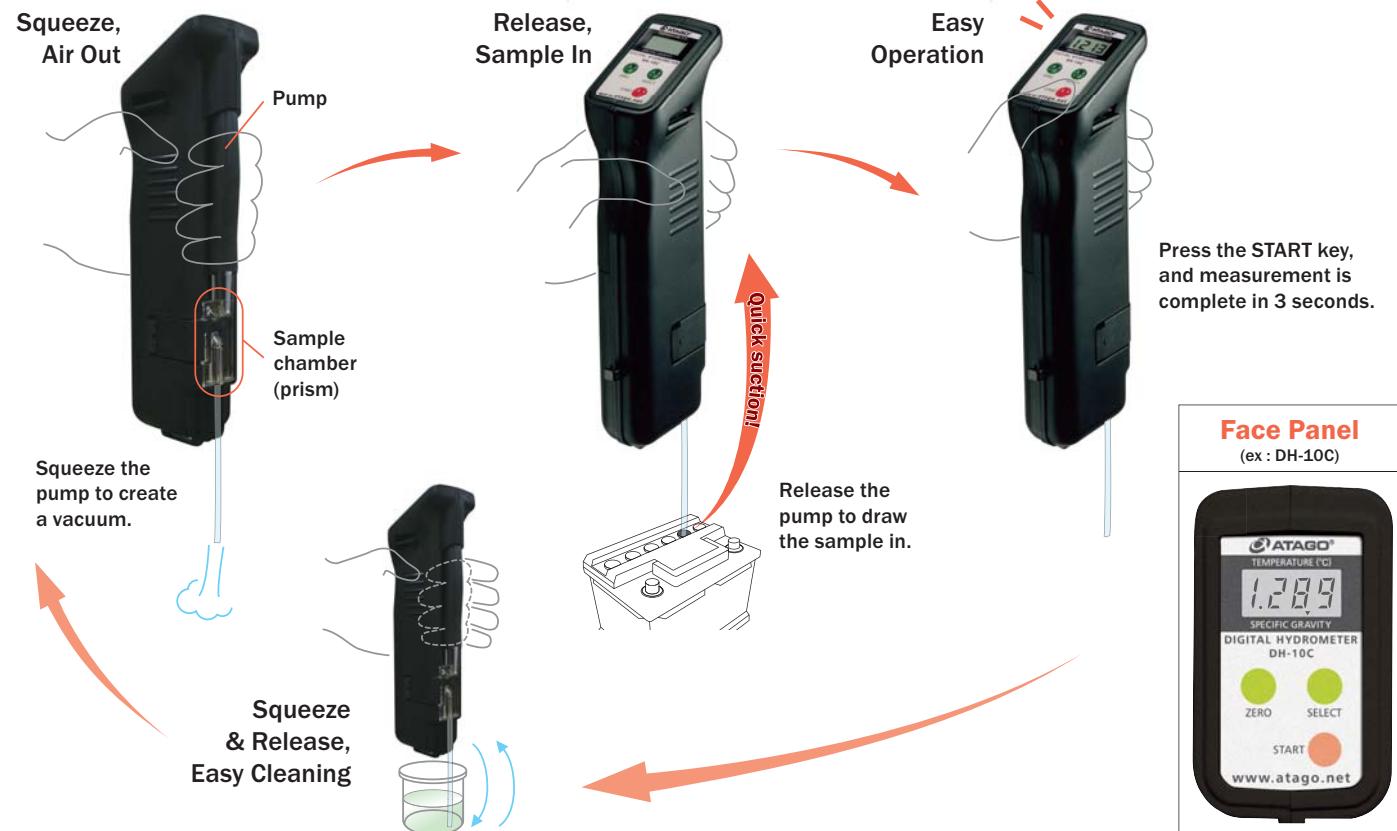
# DH-10C DH-10F

Cat.No.3446

Cat.No.3447

For determining the charge level of lead acid batteries commonly used as industrial battery banks.

## How to Use



## Example of Time and Cost Savings

### Increased efficiency over a conventional glass hydrometer and thermometer

A service tech visits 30 power systems a month. Using a standard hydrometer, it takes him 20 minutes per system to do the job. The DH-10 Digital Hydrometer reduces the service time to 2 minutes per system.

His labor costs \$40/hour.

#### • A standard glass hydrometer :

20 minutes × 30 sites = 10 hours, \$400 worth of labor every month

#### • DH-10 Digital Hydrometer:

2 minutes × 30 sites = 1 hour, \$40 worth of labor every month

**The benefits are 108 hours = \$4,320 of savings every year, per service tech.**

## Specifications

	DH-10C Cat. No. 3446	DH-10F Cat. No. 3447
Measurement range	Specific gravity electrolyte 1.000 to 1.3000	
Resolution	0.001	
Accuracy	±0.002 (10 to 30°C) ±0.003 (0 to 10 or 30 to 40°C) ±0.005 (-10 to 0 or 40 to 50°C)	±0.002 (50 to 86°F) ±0.003 (32 to 50 or 86 to 104°F) ±0.005 (14 to 32 or 104 to 122°F)
Sample chamber temperature	-10 to 50°C	14 to 122°F
Ambient temperature range	5 to 40°C	41 to 104°F
Power supply	DC9V (006P Battery)	
International Protection class	IP64	
Dimensions and weight	70 × 40 × 210 mm (Main unit only), 235 g	

All ATAGO refractometers are designed and manufactured in Japan.

**HACCP|GMP|GLP**

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

**ATAGO U.S.A., Inc.**

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\* Specifications and appearance are subject to change without notice.

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