

For lead acid batteries



# 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

Measures specific  
gravity and temperature  
simultaneously.

No more cumbersome cleaning. Lightweight, compact,  
and battery-operated for maximum portability.  
Single-handed operation from measurement  
to cleaning, without touching any liquid!

 **ATAGO**<sup>®</sup>

# 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.

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