

For lead acid batteries



Digital Hydrometer

DH-10C

Cat.No.3446

DH-10F

Cat.No.3447

Specific gravity of
sulfuric lead-acid
battery fluid

Automatic
Temperature
Compensation

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**[®]

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	Sulfuric acid specific gravity 1.000 to 1.400			
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			

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* Specifications and appearance are subject to change without notice.

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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