

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			

All ATAGO refractometers are designed and manufactured in Japan.

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* Specifications and appearance are subject to change without notice.



HACCP GMP GLP

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