

# SBS-2002 Digital Hydrometer / Density Meter

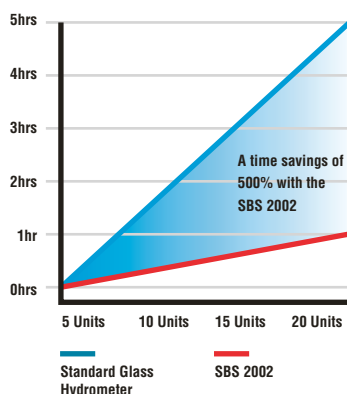
Digital Specific Gravity Tester for Lead Acid Batteries

Battery testing has never been this easy. Simply insert the nozzle into the battery, depress the finder pump, and extract a few drops of sulfuric acid (H<sub>2</sub>SO<sub>4</sub>) electrolyte. Touch one button and the processor does the rest. Within three seconds you have a temperature compensated accurate reading of specific gravity and temperature.

Field studies show time savings of at least 5 times (500%) using the SBS-2002 Digital Hydrometer over a standard glass hydrometer and thermometer.

## Example of Cost Savings:

If you spend 15 minutes testing specific gravities every month in 20 sites, this total, 15 minutes x 20 sites x 12 months per year = 3,600 minutes divided by 60 = 60 hours. Since we can reduce this time 500%, 60 divided by 5 = 12 hours total time with the SBS-2002. That's a 48-hour savings per year per employee. 48 hours x \$39.00 labor cost with benefits = \$1,872.00 of savings per year, per employee.



## Features:

- Time savings – 5 times faster than conventional methods
- +/- 0.002 accuracy
- Measures specific gravity and temperature
- Automatically temperature compensated to 25°C (77°F)
- Adjustable hand strap
- Carrying case
- 9.5" suction tube (1/8" dia)
- Rugged/durable
- Compact and only 8 oz.
- Long-life pump
- Large LED display
- For lead acid batteries only
- 1-year warranty

## SBS-2002 Includes:

- 3 Sampling Tubes
- 9V Alkaline Battery
- Adjustable Hand Strap
- Carrying Case
- Instruction Manual



## Specifications

Method of Detection:	Specific gravity; light refraction system
Temperature:	Platinum membrane thermal sensor
Range:	1.000-1.300
Indicator:	LCD display; specific gravity, temperature
Measuring time:	Within 3 seconds after pushing "START" button
Power Supply:	DC 9V alkaline battery
Size:	2.95" x 1.81" x 8.66" HWD (7.5 x 4.6 x 22 cm)
Suction Nozzle:	Approx. 7.8"L (20cm) x 1/8" (3mm) dia

## Ordering Information

Part No.	Description
SBS-2002	Digital specific gravity tester
SBS-2002C	Digital specific gravity tester (celcius model)

## Accessory Ordering Information

Part No.	Description
2002-KIT	Spare parts kit includes: O-ring, sample chamber w/pump, handstrap & (3) sample tubes
2002-HOL	SBS-2002 holster and belt
2002-TUBE	9.5" sample tube