

# BATTERY TEST EQUIPMENTS



As MASTER DISTRIBUTOR for India, we offer following products of Storage Battery Systems Inc. USA. It is a leading company of USA offering wide range of sophisticated chargers & battery maintenance accessories.

**SBS**

Digital



5 times faster than conventional methods

SBS-2500

## Digital Hydrometer :

- Time Saving. • 99.999% accurate • Automatic temperature compensation.
- Measures specific gravity and temperature of lead acid and Ni-cad batteries.
- Data logging & down loading to PC capability.

## Digital Specific Gravity Tester with data down loading capability

## On line Battery Diagnostic Tester

The new IBEX is cutting edge digital battery quality diagnostic tester meeting all IEEE standards. It can measure accurately internal impedance (Z), voltage (V), temperature (C), with world's first ripple removing algorithm during float charge.



Ranges : 10Ah ~ 6000Ah max., 0.1 Volt ~ 16.0 Volt DC suitable for all types of batteries Voltage :  $\pm 0.5$  class, Temperature :  $\pm 2$  class (-20 ~ +80C), Impedance :  $\pm 1.0\%$  rtd.  $\pm 8$ gd. (3milli ohm full-scale) across test range. IBEX offers the most comprehensive

## Battery Capacity Tester

- Tests 24V/48V/120V DC power sources up to 171 Amps • Built-in digital meter with 1% full scale accuracy
- Rated for continuous operation, no cool-down period • Master switch instantly applies / removes loads
- Operates conveniently & quietly

## DC Resistive load bank (24V, 48V, or 120V)



Use with wet or Sealed Batteries

## SBS Hydrogen Gas Detector



- Protects against battery charging room explosions.
- Provides Protection of property and employees.
- Decreases electricity costs as a result of controlled exhaust fan or air conditioning or heating operation.
- Reliable & uninterrupted 24x7 monitoring and control.

BCT-5000

## Electronic Constant Current DC Load Testers :

### RBL Series Load Banks (0-600V and 0-1000 amps)

- Ratings from 0-600 volts, 0-1000 Amps, up to 4000 watts in a single unit.
- Units available in 50V, 100V, 400V or 600V

## Remote Battery Monitoring System

The SBS Battery monitoring system allows users to remotely verify impedance, voltage, temperature, current and total energy discharged, and gives an up-to-the minute picture of battery back up. Remote access is available by using TCP/IP, Land - line (dial - up modem) cellular or satellite links.

## Battery Watering Cart :

For ease of transfer of battery grade water to scattered battery locations in a plant. Powered & non powered models available. Used with Water Gun for battery filling.

## Eye Wash :

Portable air pressure operated eyewash with 10 gallon tank or 16 gallon gravity feed model available. Combination of shower and eyewash system for permanent mount also available.

## Guns for Watering Cart :

Watering gun with auto-shut off feature for ease of water topping in battery cells. Direct connection to water deionizer & cart possible for ease of topping up.

## Water Deionizer :

Ion exchange removes dissolved impurities. The purity is comparable to distilled water. Disposable cartridge makes up to 600 gallons of pure water. Purity light indicator for cartridge replacement.

## No-Ox Battery corrosion Prevention :

Various sprays for battery corrosion prevention, battery cleaner & acid detector etc.

## Hydrometer :

Unbreakable Industrial hydrometer

## SBS Range of Microprocessor Based Charger :

### AT series :

Advance technology modular construction charger in 1 phase (12-130V DC/6-100 Amps) capacity & 3 phase (12-130V DC / 25-1000 Amps) capacity models. Seismic zone-4 qualified, NEMA 4/12 enclosure, static, fungus proofing / tropicalization, communication on DNP-3 or MODBUS protocol. Best suited for power plant, switchyard etc.

### DCt series :

Charger for well filtered source application in telecom process utility 1 phase (12V-240V dc/6-200A) capacity models. Temperature compensation feature.

### PSC series :

Chargers are customizable and offers endless array of possible options. Digital display delivers all charger information at finger tips. Password protection so as to make it temper proof, fully automatic functions.

### SBS Battery Racks :

Seismic rated racks for Zone-4. Flexible & easy to mount at site. Black polyethylene painted racks for protection.



SBS-48T / SBS-600