

## Sabre Heavy-Duty Battery and Electrical System Diagnostic Tester

- Heavy-duty for 24-volt battery and electrical systems.
- Diagnoses battery packs in series, parallel, or series/parallel.
- Tests AGM/gel-cell batteries.
- HIGHEST CCA capacity ranges (50-4000 CCA - 24V).

### Battery Testing

- Tests the following battery pack configurations: - One battery (6V or 12V). - Two batteries in series (24V); 2, 3, or 4 batteries in parallel (12V). - Two banks in parallel, each bank having 2 batteries in series (24V).
- Uses pack configuration in algorithm design.
- Tester-applied loads used on all pack combinations.

### Electrical System Testing

- 12V and 24V charging and starting system tests.
- 12V and 24V diode tests.
- Amp-clamps available (not included) for starting/charging and current draw tests.

### Features:

- Amp-Clamp Connection** - allows current drain tests and starting/charging analysis.
- Tests Both FLA** (flooded lead acid) and **AGM** (absorbed glass mat) battery types.
- Scales** - CCA, CA, AHR, MCA, JIS, DIN
- User Definable** - print header and footer.
- Removable Test Cables** - easily field replaceable.
- PC Interface Port** - allows for field updateable software.
- IR Compatible** - allows optional infrared wireless printer.
- Readout Display** - backlit for low light conditions, easy to view data in direct sunlight (4 x 20 character display).
- Security Cable Connection** - protects against stolen or dropped units.
- Over-molded Surround with Soft-touch Keys** - ruggedly built, easy to use, even with gloves.



No. 3168-HD

**No. 3167-HD** Sabre HD deluxe kit includes 24-volt heavy-duty battery tester, 15' test leads, instruction manual, molded-plastic carrying case.

**No. 3168-HD** Same as No. 3167-HD above, but also includes an infrared wireless printer.

### Accessories:

- No. 3172-15** 15' lead set.
- No. 3169** Infrared wireless printer.
- No. 3173** Low-range amp probe (current drain tests).
- No. 3174** High-range amp probe (starting/charging test).



## 130-Amp Heavy-Duty Battery Load Tester

Applying an industry-leading 130-amp load, this ergonomically designed, heavy-duty battery tester provides accurate, reliable test results in just 10 seconds. It includes uniquely designed clamps for a positive grip on top- and side-post batteries and an extra-large, easy-to-read display.

### Features and Benefits

- 130-amp load capacity for accurate results.
- Uniquely designed clamps for both top- and side-post batteries.
- 0-16 volt range.
- Extra-large display with zero adjust.
- Works on both 6V and 12V batteries.
- Side tabs for on-tool clamp storage.

**No. 3181** 130 Amp Heavy-Duty Battery Load Tester.



## OTC Magnetic Induction Heater System

- Fast, effortless removal of glass, emblems, bonded body components, rusty bolts and much more.
- Flameless heat reduces the need for torches, solvents and abrasives.
- Less flame and solvents reduces potential safety hazards and insurance rates.
- Only heats metal objects, enabling it to be used in or near heat-sensitive areas.
- Wide range of heating inductors for increased versatility.
- Easy-to-read heat output meter to quickly verify induction heat.
- Output isolation transformer provides the safest possible operation.
- CE and CSA approval with UL compliance offers proof of OTC 6650 quality construction and safety design.

**No. 6650** OTC Magnetic Induction Heater System.



### Optional Hail Dent Inductor - No. 543036

The hail dent inductor is a heating attachment that allows technicians to remove soft dents by heating the panel behind the paint, relieving the stress holding the dent, thus reducing its size or eliminating it all together.



### Optional Frame Inductor - No. 545057

The frame inductor is capable of heating 1/4" steel plate cherry red (1400F) in just a few seconds, and mildly heating aluminum for stress relieving automotive frame rails and structural panels.

The safe electromagnetically induced heat is very focused and limited to the immediate area where the frame inductor is applied. This allows technicians to work near sensitive components such as wires, hoses, and other items that are easily damaged by the open flame of a torch or rosebud.

