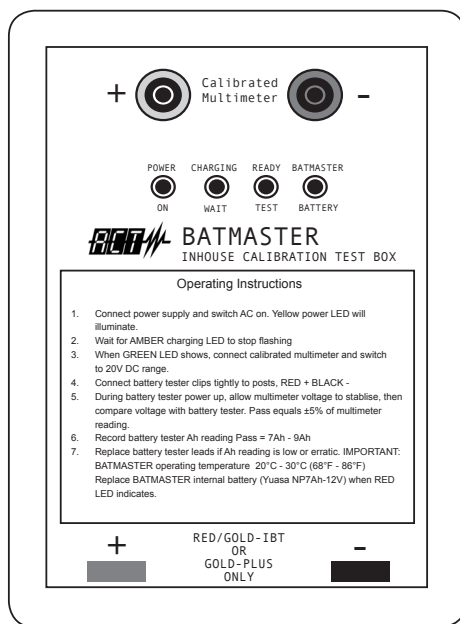


Operating Instructions

BATMASTER

inHouse Calibration Test Box
for ACT Intelligent Battery Testers



Verify accuracy of all ACT Intelligent Battery Testers with BATMASTER. This InHouse bench tester allows the engineer to check accuracy at any time and carry out recalibrations when necessary. A cost effective solution for those who have many ACT battery testers in service.

BATMASTER

Operation

BATMASTER works in conjunction with your own calibrated multimeter. It quickly compares accuracy between the calibrated multimeter and ACT Intelligent Battery Tester under test. It allows you compare DCV and verify Ah capacity. Readings within $\pm 5\%$ of the calibrated multimeter will prove the ACT Intelligent Battery Tester under test is deemed accurate to BS ISO9001 standards. **For ACT RED/GOLD-IBT Intelligent Battery Testers and GOLD PLUS Intelligent Battery Tester models only.**

1. Connect power supply and switch AC on. Yellow power LED will illuminate.
2. Wait for AMBER charging LED to stop flashing
3. When GREEN LED shows, connect calibrated multimeter and switch to 20V DC range.
4. Connect battery tester clips tightly to posts, RED + BLACK -
5. During battery tester power up, allow multimeter voltage to stabilise, then compare voltage with battery tester. Pass equals $\pm 5\%$ of multimeter reading.
6. Record battery tester Ah reading Pass = 7Ah - 9Ah
7. Replace battery tester leads if Ah reading is low or erratic. IMPORTANT: BATMASTER operating temperature 20°C - 30°C (68°F - 86°F) Replace BATMASTER internal battery (Yuasa NP7Ah-12V) when RED LED indicates.

WHY IS MY GOLD PLUS READING LESS THAN 7Ah?

The BATMASTER contains a conditioned reference 7Ah SLA Battery. This is rated 7Ah at 20C. After longer periods without use, this capacity will, as all batteries, reduce over time. Even slightly below room temperature will result in a lower reading being obtained. We recommend leaving the BATMASTER connected to the mains for at least 24 hours before using for the first time, and if the BATMASTER has not been used for a period of more than 1 month.

Pass Rate	Equals $\pm 5\%$
Operating Temperature	20 - 30°C (68 - 86°F)
RED LED	Indicates to replace BATMASTER battery (Yuasa NP7Ah-12V)
Dimensions	120(W) x 164(H) x 145(D)mm
Weight	3kg