

MAC Leak Tester

Automatic or Manual Cell-to-Cell and Cell-to-Atmosphere Sealed Battery Testing

The **MAC Leak Tester** is an automatic or manually operated leak detecting station designed specifically for sealed lead acid batteries.

This machine is equipped to test for internal (cell-to-cell) and external (cell-to-atmosphere) leakage using pressure and/or vacuum. Both tests can be done in one cycle. A combination vacuum pump and compressed air drive the test system. The entire tester is included in a framed unit.

The machine includes all pneumatic and electric components, along with a test fixture. A green light (good batteries) and red light (defective batteries) indicate to the operator the results of the test.

An automatic Rejection Conveyor is included to automatically remove batteries from the line that have failed testing onto a reject station for refurbishing.

This build-to-last unit will provide you with higher quality control for your battery products for many years to come.

Required User Data:

- Specify electrical requirement
- Specify battery size requirements and battery case/cover configuration

Foundation:

Standard 102 mm (4-inch) thick reinforced concrete floor or pad. Holes for lag bolting to floor are provided.

Production Capabilities:

2-4 batteries per minute depending upon the battery configuration.



Construction:

Rectangular steel support frame painted with safety blue, industrial grade paint. The test circuit includes pneumatic and electrical components which are mounted in enclosures or on the support frame. Pressure transducers monitor the test pressures.

Battery Size Capabilities:

6-12 volt up to 8-D size

Operational Requirements:

Personnel:

Set-up: One, semi-skilled

Operation: One, semi-skilled (manual

machine only)

Standard Electrical: 120 volt, 1-phase, 60 Hz -1 AMP, or as required

Hydraulics/Water: None

Compressed Air: 2.25 CFM @ 80 psi with 1/2 NPT Connection.

Ventilation: Customer supplied as needed to meet local requirements.

Approx. Weights/Dimensions:

908 x 1213 x 1607 mm

(36 x 48 x 63 inches)

329 kg (725 lbs)

