

Helium inspection of cylindrical lithium batteries

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Title: Helium inspection of cylindrical lithium batteries

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This tester performs a full automatic inspection of lithium-ion battery cases for tiny leaks. Rectangular or cylinder type lithium-ion cases are inspected at ...

While helium testing is an effective solution in some applications, using helium requires substantial investments in tooling, gas recovery equipment, and the ongoing expense of ...

Although various leak detection methods are available, helium mass spectrometer leak detection (HMSLD) is the preferred and is being used broadly to ensure low air and water permeation ...

Look into helium mass spectrometry leak detection solutions that provide a precise, repeatable, and easy-to-use method for detecting and measuring leak rate in many steps in the battery ...

Current conventional testing of empty hard-case prismatic or cylindrical cells is done by filling the cells with helium tester gas to detect leaks while the cells are in a vacuum ...

The helium inspection process acts as a sophisticated early warning system, capable of detecting even the minutest leaks accurately and promptly, ...

Due to its low presence in the atmosphere, helium can be detected accurately when it escapes from leaks in a component under test, using a mass spectrometer to ensure high ...

This tester performs a full automatic inspection of lithium-ion battery cases for tiny leaks. Rectangular or cylinder type lithium-ion cases are inspected at high speed with high accuracy, ...

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