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Title: Battery pack helium inspection equipment

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How to test helium leaks?

The testing method with tracer gas guarantees the maximum sensitivity and the possibility to identify extremely low leaks, also for big volumes and in any environmental condition. Our helium leak test systems in accumulation chambers are capable of testing leaks with thresholds in the range of 10^{-2} - 10^{-4} SCC/sec.

What is helium mass spectrometer leak detection?

Helium mass spectrometer leak detection provides a precise, repeatable, and easy-to-use method for detecting and measuring leak rate in many steps in the battery production process, and in many battery components. For example, leak detection is required for battery cells, cell components, cooling circuits, and complete battery packs.

What is a helium test machine?

Machine designed to test complete cells before electrolyte filling and sealing. The same type of machine can be used to check finished cells after filling and sealing, in particular using the helium as tracer gas when it has been filled in the cell with the electrolyte.

What is HMI helium recovery system?

HMI is made by a touch-screen color monitor. The equipment provides separate outlet ports for helium and air discharge and it is suitable to be connected to a helium recovery system. Output rate: 1 piece each 5 secs. (8 pcs each 40 secs.)

Our helium leak test systems in accumulation chambers are capable of testing leaks with thresholds in the range of 10^{-2} - 10^{-4} SCC/sec. This technology provides great results in this range and makes ...

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 ...

We manufactured a single leak test system with 5 mobile carts allowing for faster throughput. Helium accumulation test for battery packs provides accurate leak detection with ...

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be used to check finished cells after filling and sealing, in particular using the helium as tracer ...

In the new energy industry, we have developed a complete set of helium inspection equipment from cell to pack. UHT has provided industry customers with an original air tight helium inspection scheme.

The battery packaging shell helium inspection equipment independently developed by HJ Test System is a high-precision helium mass spectrometry leak detection system designed specifically for power ...

Integrating R& D, production, processing and sales, it has the unique advantages of full product coverage, remarkable helium saving effect and high equipment reliability.

The automatic helium inspection machine for automotive parts developed by HCTE uses a high-precision helium mass spectrometer leak detector, which can complete the battery pack sealing test ...

In order to prevent liquid leakage and impurity mixing problems, the sealing test of power battery packs and battery cells should be conducted several times during the manufacturing process.

China Helium Leak Test Equipment catalog of RS232 Battery Pack with Sniffing System Battery Testing Equipment Leak Testing, 180s/PC Battery Testing Equipment for EV Lithium Battery ...

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