



# Pack battery helium inspection equipment

Application: Precision helium leak detection for prismatic, cylindrical, and pouch battery cells to ensure airtight sealing and safety compliance in battery manufacturing processes.

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 automated loading and ...

This equipment is a standard equipment developed for lithium battery PACK package sealing testing. The host equipment is equipped with a helium mass spectrometer sniffer for leak ...

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 ...

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 ...

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 ...

Based on the traditional helium detection method, the back-pressure helium detection for sealing is introduced. The sealing, peripheral welding, and overall detection of the pole column are carried out.

A leader in energy technology required a turnkey leak test system allowing for easy loading and unloading of large battery packs. The system utilizes a sniffer probe to detect helium in an air sample ...

The application of helium detection technology in the manufacture of power batteries is mainly reflected in its high sensitivity, fast response and non-destructive testing characteristics, thus ensuring the ...



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**inspection**

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