



New Launch ELT-500 EV Battery Pack Airtightness Tester is non-destructive testing equipment with high precision, which uses compressed air as a medium to apply a certain pressure to the inner cavity or surface of the product to be ...

battery cooling systems and final housing must not allow the ingress of moisture. Figure 2. An electric vehicle battery system. More stringent leak test requirements are forcing manufacturers of lithium-ion batteries and automotive products to introduce more sophisticated leak detection technologies. Widely used test methods, such as pressure

Air tightness testing is an important process for testing the sealing performance of battery PACK packages. It aims to ensure that there is no abnormal leakage between the ...

Launch ELT500 EV Battery Pack Airtightness Tester (307010262) is an innovative, non-destructive testing tool that utilizes compressed air to assess the airtightness of EV battery packs. This tester is designed to ensure that each battery component maintains its integrity and safety standards through meticulous pressure testing. The ELT500 features a 7-inch LCD ...

ET500 is a high and low voltage compatible air tightness testing equipment that supports the sealing test of electric vehicle battery pack boxes and liquid cooling systems.

Individual battery cells: Another demanding test specimen are battery cells, which due to their energy density require much stricter limits for leak testing to ensure the safety in subsequent use. Due to this stricter requirement, compared to its housing often requires the use of Helium leak detection. Even though surpassing air leak testing in price, Helium leak ...

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