

ELT500 EV BATTERY PACK AIRTIGHTNESS TESTER

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The ELT500EV Battery Pack Airtightness Tester is a compression testing equipment that is used to test the air compression rate and to maintain pressure in the inner cavity/surface of the battery/product. This is important to maintain the sealing effect of the battery pack to ensure it is operating within the parameters that will suffice for the efficiency of the electric vehicle. Additionally, the ELT500EV is also applicable for motor controllers, voltage distribution boxes, compressors, and other parts.

FEATURES

- The 7-inch LCD touch screen and the intuitive menu allows for a seamless usability experience
- High-sensitivity pressure sensing ensures test accuracy and stability.
- During the testing process the progress of each stage is displayed
- Real-time display of pressure dial and the process pressure curve.
- Preset test parameters for standard parts allow for usability and convenience.
- Work piece number volume, pressure, time of each stage, and leakage limit are presettable parameters
- When an abnormal test is encountered the sound alarm is set

SPECIFICATIONS

Power	20W (Max)
Test Pressure Range	0-30Kpa
Sensor Resolution	1Pa
Test Accuracy	±5Pa
Communication Interface	RS485/USB
Data Storage Method	Internal storage, or data upload to USB drive
Electrical Requirements	AC 220V
Air Source Requirements	0.1-1.0Mpa dry compressed air
Intake Port/Test Port	φ6mm/φ6mm
Working Temperature/Humidity	-10-55°C/10%-90%@25°C

SIZE AND WEIGHT

Dimensions/Weight	288*276*360 (mm)/ 4.5kg
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