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Automatic Short Circuit Testing Machine for Motorcycle Battery

TCKV-20M(R)



Description:

After finished through the partition intercell welding, the battery will pass through this testing machine to check the completed short circuit caused by the following undesirable conditions:

- The lead scraps were dropped into the element group during the assembling.
- The separators are cracked or existed holes or missed.

Feature:

- It is suitable to test all types of motorcycle battery.
- It is easy to change the mould for the desired battery type.
- Production capacity: 300-600pcs/hr.
- It is equipped with the system of auto-stop of no feeding and auto-start of refeeding.
- Voltage of checking: up to 2000 volts.



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Sequence of Operation:

After the battery completed the process of welding, the battery will be delivered to this tester by conveyor and pass into the testing area, it is automatically located and stopped in the place. The test head will move down automatically to touch and electrify the bushings and intercells of battery for test, and then the test head will be raised automatically. If the machine detected an undesirable conditions in a battery , this poor battery will be pass to the end of the machine and be rejected automatically. Upon completion of the short circuit test, the completed battery will be passed to the output conveyor.

Utilities Requirement:

- Electricity: 1 or 3 Phase, voltage and frequency to suit customer's specifications.
- Compress Air Consumption: 10.4 NL/min. at 5 kg/cm².
- Electricity consumption: 1.0 KW.

Dimension and Weight:

- Dimension (Approx.): 1600(L) x 1060(W) x 1853(H) mm
- Weight (Approx.): 600KGS