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Automatic Weld Condition Checking Machine for Motorcycle Battery

TCKVD-10AM(R)



Description:

After battery has been finished through-the-partition intercell welding, then it will be passed into this testing machine to check weld condition of each cell. This machine is specially designed to ensure the quality of welding.

Features:

- It is suitable to test all types of motorcycle battery.
- It is easy to change the test tooling (mold) of this machine.
- Its accuracy is excellent to control battery quality under the quality policy of each customer.
- Production capacity: 240 - 300 pcs/hr..
- It is equipped with the system of auto-stop of no feeding and auto-start of refeeding.
- The test system does not damaged partition in comparison with traditional test method (by shear test).



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Sequence of Operation:

After the battery completed the process of welding, this battery will be delivered to the waiting gate of this testing machine, and conveyed into the testing position, once the time is ready, the testing head (tooling) will move up and down automatically to process the continuous testing under fully automatic operation.

If the machine detect some bad-weld condition, the machine will be alarmed and the conveyor will push the battery into the rejection area. After the completion of rejection cycle or testing cycle, the machine will continue next operation.

Utilities Requirement:

- Electricity: 1 or 3 Phase, voltage and frequency to suit customer's specifications
- Compress Air Consumption: 10.4 NL/min. at 6 kg/cm²
- Electricity consumption: 1.0 kw

Dimension and Weight:

- Approx. 1600(L) x 1060(W) x 1913(H) mm
- Weight Approx. 600kgs