

Overall Magnetization Test Equipment for Electric Vehicle Motors

Introduction

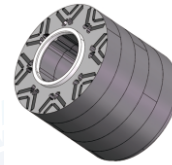
This equipment adopts the program of rotor first non-magnetic assembly and then magnetization test as a whole, which has high production efficiency, easy assembly, high safety, and achieves the full inspection of product magnetization test.

Technical Parameter

Loading Mode:	Manual or mechanical hand feeding
Deloading Mode:	Manual or mechanical hand feeding
Working Method:	Dual station rotary alternating
Action Mode:	Pneumatic and serv
Magnetization Method:	Integral Magnetization or Segmented Multi-Magnetization
Protective Measure:	Optical encoder, fiber optics, temperature detection
Software Mechnology:	Saving of magnetization parameters and test data for each product

Procedure

1. Manually put the product in the coil.
2. Activate the machine positioning rotating mechanism to turn 180° to bring the product to the position to be magnetized.
3. The magnetizing head descends to the set position to cover the product, and the pressing mechanism descends to press the product for magnetization.
4. After the magnetization is completed the meter is cleared to zero and the magnetizing head rises to start the flux measurement.
5. When the flux measurement is completed, the compression mechanism is retracted and the software makes a pass/fail judgment.
6. A new non-magnetic product to be charged is placed in the upper material position of the positioning mechanism.
7. Start the equipment again to position the rotating mechanism to rotate 180° to send the product to be magnetized to the position to be magnetized, and then send the product back to the feeding position to pick up the product after the magnetization test is completed.



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Magnetizing, Demagnetizing, Magnetic measurements, All we can