

Automatic magnetizing and testing equipment for disk motors

Introduction

This equipment is suitable for magnetization and magnetic flux measurement of disk motors of various sizes. It adopts the technology of assembling first and then magnetizing test to improve the production efficiency and high safety to achieve the full inspection of production; it establishes a database to trace the test data of each product.

Advantageous features

- Laser precision positioning
- Magnetizes shaft-mounted products without damaging them.
- Rotary magnetization, light vibration, low noise
- Stable magnetic flux test, good repeatability test
- Quickly changeable magnetizing fixtures and test coils for different sizes of products

Technical Parameter

- ◆ Suitable products: Disc motors in various sizes
- ◆ Feeding method: Manual or robotic
- ◆ Discharging method: Manual or robotic
- ◆ Movement: Pneumatic plus servo drive
- ◆ Magnetization performance: Saturation magnetization
- ◆ Protection: Grating

Key processes

1. Manual or mechanical loading, laser positioning.
2. Successful positioning of the product enters the magnetizing position for the first time.
3. The first magnetization is completed and the product is returned for a second rotation for positioning.
4. After the second successful positioning, carry out the second magnetic magnetization, and so on repeatedly according to the programmed number of times for magnetization.
5. Entering the measuring position for flux measurement after completing the number of magnetization times according to the program.
6. Manual or robotic pickup of the finished measurement.



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Magnetizing, Demagnetizing, Magnetic measurements, All we can