

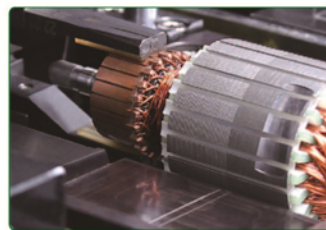
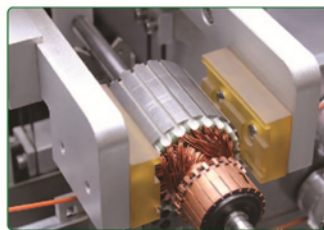
绕线转子铣削两工位全自动平衡机说明 Winding Rotor Milling Two-station Automatic Balancing Machine

简要说明 / Brief Introduction

- 广泛应用于各类微型电机转子，电动工具，起动机电机转子的平衡校正。
- Widely used in various types of micro-sized motor rotor, electric tools rotor, starter motor rotor's balance correction.

产品特点 / Features

- 人工上下料
- 智能人机交换界面
- 平衡机测量软件先进
- 自动测量、自动尖刀、铣削校正、自动复测
- 可对工件进行，两次平衡修正
- 软支撑高精度，平衡测量系统
- 钢性式结构设计，使用寿命较高
- Manual loading and unloading
- Intelligent man-machine interface
- Advanced balancing machine measuring software
- Automatic measurement, automatic V-cutter milling correction, automatic retest
- Can do twice balance correction to workpieces
- Soft-bearing high precision balancing measuring system
- Rigid structure design, longer service life.



技术数据 / Technical Data

平衡单元参数 Parameters of Balancing Unit	配置 Configuration
工件最大质量: 1.5Kg Max.weight of workpiece(Kg)	机械手气爪: SMC Mechanical air gripper
工件外径范围: 35~60mm Outside diameter range of workpiece(mm)	旋角气缸: SMC Rotary cylinder
转子最大长度: 210mm Rotor Length (max)	电磁阀: SMC Solenoid valve
支承轴径: $\phi 6 \sim 16$ mm Journal diameter(mm)	电脑触摸屏: 12寸威伦通 Computer touch screen: "12" Weinview
平衡转速: 1000~1500r/min Balancing speed (r/min)	机械手升降缸: SMC Mechanical arm lifting cylinder
平衡电机功率: 0.4KW (伺服电机) Balancing motor power(KW): 0.4(servo motor)	伺服电机: 松下 Servo motor: Panasonic
测试时间: 5~9S Cycle time(second)	三相电机: ABB 3-phase motor
最小可达剩余不平衡度 $\leq 0.2g \cdot mm/Kg$ Min. residual unbalance rate	步进电机: 东方马达 Stepper motor: Oriental motor
不平衡一次减少率: $\geq 90\%$ unbalance reduction rate by one time	光电对射传感器: 欧姆龙 Photoelectric correlation sensor: Omron
工作气压: 0.45~0.6MPa Working air pressure(MPa)	接近开关: 欧姆龙 Proximity switch: Omron
工作电压: AC: 380V/三相/50HZ Working voltage (V): AC: 380V external connection	加速度传感器: 上海剑平 Acceleration sensor: JP
铣切方式: "V" / "R" / "T" 型刀 Milling mode: V/R/T type cutter	PLC: 西门子 PLC: Siemens
平衡机类型: 软支撑测量摆架 Balancing machine type: Soft-bearing measuring brackets	扩展模块: 西门子 Expansion module: Siemens
机台总功率: 6KW Machine total power	水平驱动器: 松下 Horizontal drive: Panasonic
机器平均耗气量: 35L/min Average air consumption of the machine	驱动器: 东方马达 Drive: Oriental motor



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