

新能源电机全自动平衡机 Motor Automated Balancing Machine

简要说明 / Brief Introduction

广泛应用于各类中小型电机转子、叶轮、曲轴，滚筒及轴类等旋转工件的平衡校正。

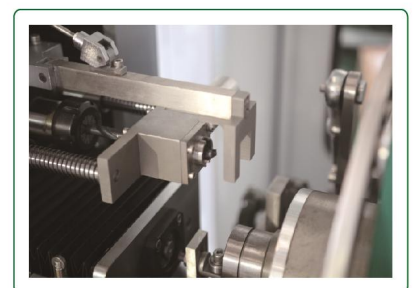
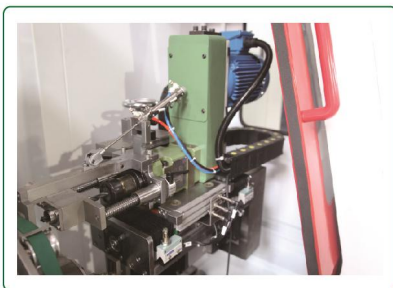
本机采用圈带传动，配合变频调速电机驱动，保证了工件的平衡质量及精度。具有装卸方便、启动快、工作效率高等特点。

Widly used for small and medium motor rotor, impeller, crankshaft, rollor, shaft and any other rotating parts' balancing correction. This machines applied with belt drive, AC frequency conversion motor. It is guaranteed the balance quality and precise with the charactors of convenient unloading, rapid accelerate, and high efficiency.

产品特点 / Features

1. 专业设计的摆架有效传递机械力坚固可靠震动阻尼小刚性较好
2. 高灵敏度传感器线性度好耐用可靠
3. 永久标定测量原理精度高允许极高的初始不平衡量
4. 圈带传动结构更高的测量精度使用更方便
5. 先进的电测系统友好的人机界面功能强大
6. 模块化设计应用范围广

1. Well-designed pedestals transfer mechanical force effectively with lower vibration and higher rigidity.
2. High precision sensors with good linearity, reliable and durable.
3. Measuring principle of permanent-calibration permits a greater initial unbalance amount.
4. Belt-drive mode, higher accuracy and greater convenience.
5. Professional measuring instrument and friendly man-machine interface with complete functions.
6. Modular design offers a wide range of application.



平衡单元参数 Parameters of Balancing Unit	配置 configuration
重量: 5-50Kg rotor's weight: 5-50kg	平衡机及测量系统: 上海剑平 balancing machine and measuring system: jp balancer
支撑轴颈: ϕ 15-75mm bearing shaft diameter	驱动测量电机: 1.5KW松下伺服电机 driven measuring motor: 1.5kw panasonic servo motor
叠片厚度: 80-450mm lamination thickness	进给钻孔电机: 0.75KW松下伺服电机 drilling engaging motor: 0.75kw panasonic servo motor
叠片直径: 80-300mm lamination diameter	钻削主轴电机: 0.75KW drilling spindle motor
去重直径: 60-280mm deweight diameter	气缸: SMC cylinder: smc
钻削直径: 最大16mm drilling diameter	丝杆线轨: 上银 drilling track
轴端面到去重面的距离: 10-150mm distance between drilling cutter and plane	动力头: 台湾翰坤 main driven motor: taiwan hankun
最小可达成不平衡度: <0.5g.mm/Kg Min.residual unbalance rate	吸尘器: 苏州德华 vacuum cleaner: suzhou deico
不平衡一次减少率: >95% unbalance reduction rate by one time	
如果转子尺寸超出范围或者特殊转子，需要进行技术沟通与确认 If rotor's dimensions are out of configuration range or are specially created, communication with technologists and confirmation are required before machine production. 节拍: 150s (根据转子重量, 材料, 尺寸的不同, 会有变化) processing period 150s (audit basing on rotor's weight, materials and dimensions)	



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