

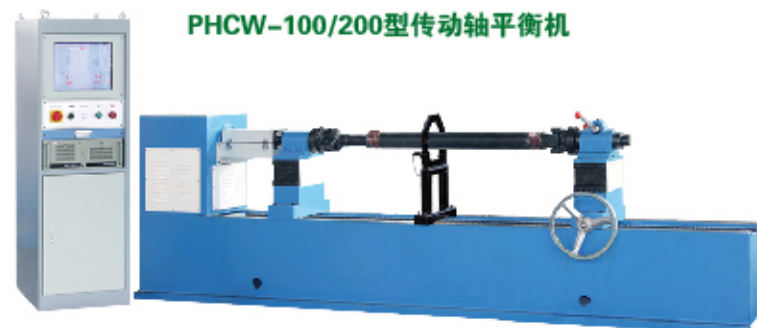
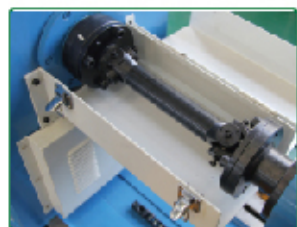
## 传动轴平衡机系列说明

Introduction of Transmission-shaft Balancer Series

### 简要说明 / Brief Introduction

- 专业设计的摆架，有效传递机械力，坚固可靠，振动阻尼小，刚性好。
- 高灵敏度传感器，线性度好，耐用可靠。
- 先进的电测系统，友好的人机界面，功能强大。

- The specially designed, solid and reliable brackets can effectively transmit mechanical force with low vibration damping and high rigidity.
- The durable and reliable sensor possesses high sensitivity and good linearity.
- The complete functions including advanced electronical measuring instrumentation and friendly man-machine interface.



PHCW-100/200型传动轴平衡机



PHCW-100/200型传动轴平衡机配凸焊机

### 详细说明 / Details

- PHCW型传动轴平衡机是用于校验各类传动轴平衡的专用设备。
- 该机按设计结构划分属于“硬支承”动平衡机，即避免了软支承平衡机转子起停时剧烈振动的弊端，又能获得良好的振动信号。工件拆装更方便，适用于批量生产。

- PHCW series drive shaft balancing machine is the special equipment used to check all kinds of drive shaft balance.
- The machine according to the design structure belongs to the "hard bearing dynamic balancing machine", which avoids the disadvantages of soft bearing balancing machine rotor the severe vibration when the machine stop and starting, but also can obtain good vibration signal. The assembly and disassembly is more convenient, suitable for mass production.

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### 技术数据 / Technology data

规格 Specification	型号 Model	PHCW-100/200	PHCW-100T/200T	PHCW-100F/200F	PHCW-1000/2000
工件质量范围 (kg) Maximum weight of workpiece		100/200	100/200	100/200	1000/2000
工件有效长度 (mm) Effective length of workpiece		2000	4500	5500	3000
工件最大外径 (mm) Maximum diameter of workpiece		Φ130	Φ130	Φ130	Φ400
工件最大轴管直径 (mm) Shaft tube diameter of workpiece		Φ120	Φ120	Φ120	Φ300
工件平衡转速 (r/min) Balancing speed		无极调速	无极调速	无极调速	无极调速
电动机功率 (kW) Motor power		1.5 (变频) Frequency conversion	2.2 (变频) Frequency conversion	2.2 (变频) Frequency conversion	3 (变频) Frequency conversion
万向节扭矩 (N.m) Universal joint torque		60	60	60	300
最小可达剩余不平衡度 (E <sub>max</sub> ) Minimum achievable Residual unbalance		≤5g.mm/kg			
一次降低率 (%) Once reduced rate		≥90%			
输入电源 power supply		三相 380V 50HZ			



PHCW-200T型传动轴平衡机 (两节传动轴)