

软支承自驱动平衡机系列说明

Introduction of Soft bearing Self-drive Balancer Series

简要说明 / Brief Introduction

- 根据实际工件独特设计的摆架，有效传递机械力，完美地应用于整体平衡。
- 高灵敏度传感器，线性度好，耐用可靠。
- 经过专业设计的夹具，精度更高、装夹更方便。
- 整体平衡，充分模拟实际工况，将误差减到最小。
- 先进的电测系统，友好的人机界面，功能强大。
- 模块化设计，应用范围广。

- The specially designed bracket can effectively transmit the mechanical power and offer perfect overall balance.
- The durable and reliable sensor possesses high sensitivity and good linearity.
- The professional designed clamp offers higher precision and easier operation.
- The realistic imitation of the working station minimizes inaccuracy for overall balancing.
- The complete functions including advanced electronical measuring instrumentation and friendly man-machine interface.
- Modular design offers a wide range of application.

详细说明 / Details

- 整体平衡是近年迅速发展起来的一种全新的平衡概念。广泛应用于电主轴，外转子电机，散热风扇，汽车暖风机，盘管风机，跑步机电机，计算机硬盘驱动器产品的整体平衡，彻底消除由于轴承等零部件及装配误差引起的不平衡量，大大减轻了产品的振动。
- 精心设计的机械模块，可以快速精准的进行工件平衡。
- Overall balance is a newly-developed conception in recent years. It is widely adopted to electric spindles, external motor rotor, cooling fans, fan heaters, fan coil running machine motor computer hard drives and other products do overall balance, which can completely eliminate the unbalance amount caused by bearing and other parts assembly inaccuracy, reducing the products vibrations greatly.
- Well-designed mechanical module makes the balancing faster and more accurate.

技术数据 / Technology Data

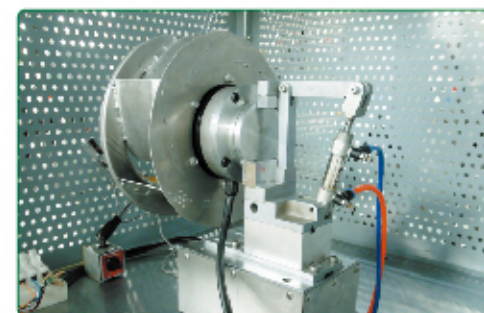
规格 Specification	型号 Model	PRZS-1.6/5	PRZQ-0.3	PRZQ-1.1
工件质量范围 (kg) Maximum weight of workpiece		1.6/5	0.3 (含夹具)	1.1
工件最大外径 (mm) Maximum diameter of workpiece		Φ300	Φ40	Φ80
两支承座间距离 (mm) The distance between two bearing pedestals			7~44	Φ15~110
支承轴径范围 (mm) Journal diameter on roller carriages			Φ1.5~10	Φ2~12
圈带传动轴径范围 (mm) Belt driving diameter			40	70
电动机功率 (kW) Motor power			0.05 DC	
最小可达剩余不平衡度 (E _{max}) Minimum achievable Residual unbalance		2g.mm/kg	0.5g.mm/kg	
输入电源 power supply		单相 220V 50HZ		

硬支承自驱动平衡机系列说明

Introduction of Hard bearing Self-drive Balancer Series

简要说明 / Brief Introduction

- 方便快捷的气动夹具，大大提高了工作效率。
- 特殊设计的硬支承摆架系统，测量范围大，故障率低。
- 模块化设计，应用范围广。
- Fast and convenient pneumatic clamps, to improve working efficiency greatly.
- Special designed hard bearing systems with a large measurement range, low failure rate.
- Modular designed, with a wide range of applications.



PHZS-5B型硬支承自驱动平衡机

详细说明 / Details

- 主要应用于外转子风机，暖风机等工件的整体平衡，充分考虑整体组件的平衡精度，消除由于轴承等零部件及装配误差引起的不平衡量，提高您的产品质量。
- 设计理念：精心设计的机械模块可以让您对工件快速而精确的平衡，拥有更大的选择余地，以较少的开支为您配备最好的平衡设备。
- Mainly used for external rotor fans, heaters and etc work piece do overall balance. Take full consideration of overall component's accuracy, to eliminate the unbalance amount caused by the bearings, other parts and assembly errors so that improve products' quality.
- Design concept: Well-designed mechanical module allowed fast and accurate balance work piece. You have a great choice, use less money to choose the best balance equipment.

技术数据 / Technology Data

规格 Specification	型号 Model	PHZS-5B
工件质量范围 (kg) Maximum weight of workpiece		5
工件最大外径 (mm) Maximum diameter of workpiece		Φ350
最小可达剩余不平衡度 (E _{max}) Minimum achievable Residual unbalance		5g.mm/kg
输入电源 power supply		单相 220V 50HZ / 三相 380V 50HZ

