

单面立式平衡机系列说明

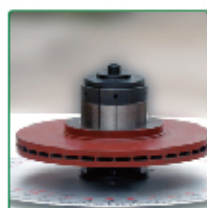
Introduction of Single-plane Vertical Balancer Series

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。
- 永久标定测量原理，精度高，允许极高的初始不平衡量。
- 配备专用的夹具，精度更高、装夹更方便。
- 先进的电测系统，友好的人机界面，功能强大。
- 根据客户要求，可配备去重装置。



- The specially designed, solid and reliable bracket can effectively transmit mechanical force with low vibration damping and high rigidity.
- The durable and reliable sensor possesses high sensitivity and good linearity.
- The permanent calibration brings high accuracy with a permission of large initial unbalance amount.
- The special clamp offers higher accuracy and easier operation.
- The complete functions including advanced electronical measuring instrumentation and friendly man-machine interface.
- As the customer's request, can match with removing device.



PHLD-100/200型单面立式平衡机

详细说明 / Details

- PHLD系列平衡机特别适用于离合器压盘，制动盘，制动鼓，皮带轮，锯片，风扇转子、卡盘、法兰等不带轴颈的盘类转子的平衡检测。
- 根据这类转子的特殊性，采用高灵敏的传感器，机器稳定可靠，灵敏度高。配置专用的夹具后，可满足用户快速高效的检测要求。是盘状转子的首选产品。

- The PHLD series are specially designed for the balancing of balance inspection, such as clutch pressure plates, brake discs, brake drums, pulleys, chainsaws, fan rotors, chucks and flanges etc.
- According to the particularity of such rotors, the PHLD series use high sensitivity sensor and offers high stability. The application of exclusive clamp enables users to do fast and effective measuring, makes the device an ideal choice for disc-like rotors.

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技术数据 / Technology Data

规格 Specification	型号 Model	PHLD-3.5	PHLD-5	PHLD-5A	PHLD-16	PHLD-42	PHLD-65	PHLD-100	PHLD-200
工件质量范围 (kg) Maximum weight of workpiece		3.5	5	5	16	42	65	100	200
工件最大外径 (mm) Maximum diameter of workpiece		Φ200	Φ350	Φ500	带罩 510 With hood 无罩 800 Without hood		带罩 600 With hood 无罩 1000 Without hood		
工件高 (mm) Height of Workpiece		100	120		160		200		
主轴转速 (r/min) Spindle speed		1630	900		800	700	600		
电动机功率 (kW) Motor power		0.25	0.18		1.5	2.2	3 (变频)	4 (变频)	
最小可达剩余不平衡度 (E _{res}) Minimum achievable Residual unbalance		2g.mm/kg		3g.mm/kg		5g.mm/kg			
不平衡减少率 U _{res} (%) Unbalance reduction ratio		≥90%		≥95%		≥90%			
输入电源 power supply		三相 380V 50HZ							



PHLD-5A型单面立式平衡机



PHLD-16/42/65型单面立式平衡机