

PHQ-10000H Hard-bearing Belt-drive Balance Machine

Operation Manual



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2. Working Environment

The equipment requires a working conditions and environment as listed here.

- a: Room temperature 0~35°C;
- b: Relative Humidity less than 85%;
- c: Voltage range at $\pm 10\%$ of nominal value;
- d: Keep away from the corrosive substance, vibration and electromagnetic radiation.

3. Technical Parameters and Performance Characteristics

3.1 Technical Parameters

Specifications	Parameters
Rotor Mass (kg)	10000
Max. Outer Diameter (mm)	Ø2400
Span of Bearing Pedestals with 5 meter's machine	750-4600
Max. Axial Diameter (mm)	Ø60-400
Max. Diameter for Driving (mm)	Ø1000
Rotating speed with Ø 100mm driving (r/min)	795, 1853+Stepless regulation
Motor Power (kW)	18.5 (AC Converter Motor)

3.2 Performance Characteristics

- (1) Max. Residual Unbalance emar $\leq 1\text{gmm/kg}$
- (2) Unbalance Reduction Ration URR $\geq 90\%$