

HF-ET-804

Portable Dynamic Balancer



Portable Dynamic Balancer enables on-site single-plane and double-plane rotor balancing without disassembly. It measures rotating speed, vibration and phase, automatically calculating correction weight and angle for fans, motors and other rotating equipment.

Key features

- Chinese menu interface, human-machine interactive operation, simple and fast workflow.
- Large-size LCD screen for clear data display; analog meter for auxiliary status indication.
- Supports single-side (single-plane) and double-side (double-plane) field balancing for rotating rotors.
- Measures rotating speed, vibration amplitude and phase; outputs exact weight and phase for balance adjustment.
- Integrated vibration analysis function for machinery fault diagnosis.

Technical specifications

Parameter	Value
Working Rotation Speed Range	300 ~ 30000 rpm
Vibration Amplitude Range	0.01 ~ 5000 um (peak-to-peak)
Vibration Velocity Range	0.01 ~ 2000 mm/s (RMS)
Phase Accuracy	0-360°, ±1°
Unbalance Reduction Rate	≥85%
Measurement Mode	Single-plane / Double-plane balancing
Power Supply	AC220V
Housing	Shock-resistant aluminum alloy portable case

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.