

HORIZONTAL SOFT BEARING BALANCING MACHINES

CUSTOMIZED ACCORDING
TO WORKPIECES

MULTI-STATION AUTO CORRECTION BALANCING
MACHINE CAN BE CUSTOMIZED

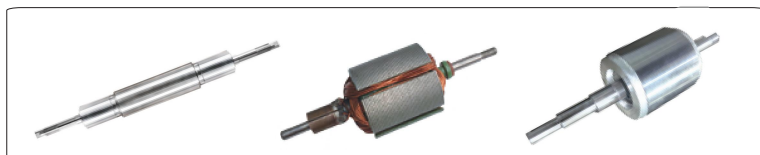


ITU-S200
type A



ITU-S3K
type B

- Suitable for balancing tests on plastic and aluminum alloy fan blades and various types of precision rotors
- Belt balancing machine driven by servo motor
- Soft bearing structure design, high accuracy, good repeatability and linearity
- Industrial computer measurement system and integrated circuit data acquisition, which are highly versatile and stability
- Balance interface radar chart display, clear and intuitive
- Support data storage and uploading to MES system
- Support bar code entry with strong traceability



examples of typical applicable workpieces



SPECIFICATION

Code	ITU-S200	ITU-S3K	ITU-S10K	ITU-S16K
Structural type	A (integrated type)	B (split type)		
Workpiece weight range	0.001~0.2kg	0.2~3kg	3~10kg	5~16kg
Maximum workpiece diameter	36mm	160mm	320mm	360mm
Roller bearing journal diameter range	3~10mm	3~25mm	5~40mm	5~40mm
Supporting rotor span range	20~120mm	60~320mm	60~320mm	60~450mm
Balance test speed range	1200~10000rpm	400~4800rpm		
Balance test surface	single-side/double-side	double-side		
Unbalanced quantity detection	accelerometer			
Unbalanced quantity angle detection	laser sensor/magnetic pole sensor			
Minimum attainable residual imbalance	≤0.1g.mm/kg	≤0.3g.mm/kg		
Unbalance reduction rate URR	≥95%			
Drive mode	O-ring drive	flat belt drive		
Dimension (L×W×H)	470×510×680mm	1000×450×760mm		
Power supply	AC 220V, 50Hz			

STANDARD DELIVERY

Main unit	1 pc
Measuring software	1 set

OPTIONAL ACCESSORY

Workpiece balancing measurement fixture	customized according to test requirements
---	---