Pasio 5

Universal balancing machine for rotors up to 5 kg

- Compact design
- Small space requirement
- Fast and uncomplicated set up
- Installation without foundations
- Highest measuring accuracy
- Ergonomic operator concept
- Quick change-over from workpiece to the next
- Suitable for magnetized rotors

Range of application
Universal balancing machine Pasio 5 is ideally suited to extremely small work-pieces such as miniature armatures, miniature fans and complete assemblies. They are conceived for use in research and development, in batch production or in repair shops.

Change-over to new rotor types is straightforward and only requires a minimum of time.

Unbalance correction is made manually by addition of material (e.g. balancing plasticine) directly on the machine or by removal of material on optional manually operated or semi-automated machining units.**Design**

- Hard-bearing, horizontal balancing machine with permanent calibration for standing or seated operator
- The complete workplace consists of the following major components: machine table, mechanical balancing unit comprising roller bearings or V-blocks, belt drive, measuring instrument and control system
- The machine can be installed without foundations and without bolts and is immediately ready for operation
- Measuring unit CAB 700 with with graphics-capable color LCD display
- Optional: CAB 920 as a high end solution - both with regard to operation and versatility, as well as accuracy

Special features

- Space-saving single-unit design with integral measuring station and measuring unit
- Easy to operate through permanent calibration – requires no calibration runs
- Correction in two planes or separate according to static and couple unbalance is possible
- Rotors can be mounted on their original shafts or on mounting arbors, complete assemblies can be installed in their housing
- Automatic measuring cycle with infinitely variable settings for acceleration, measuring and braking time.

SCHENCK

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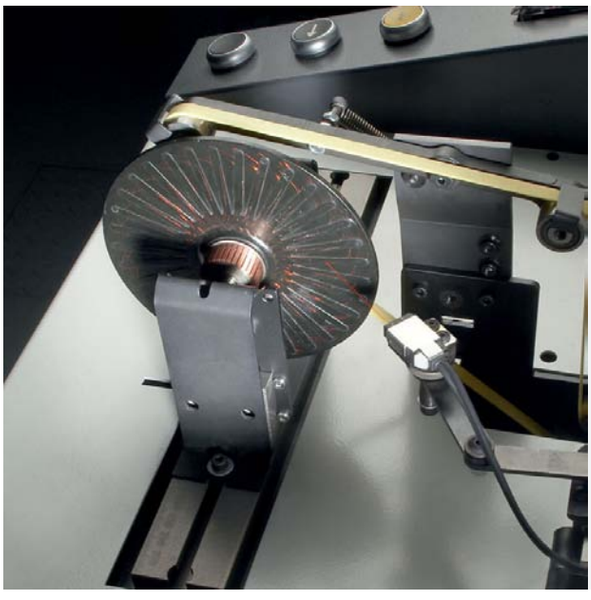
The adjustable inclination angle of the measuring unit screen enables glare-free working



Easy setup of the laser scanning head for an even more accurate angle position

The line laser ensures the clear display of the measurement planes

Balancing of permanent magnet armatures with 3 drive belts

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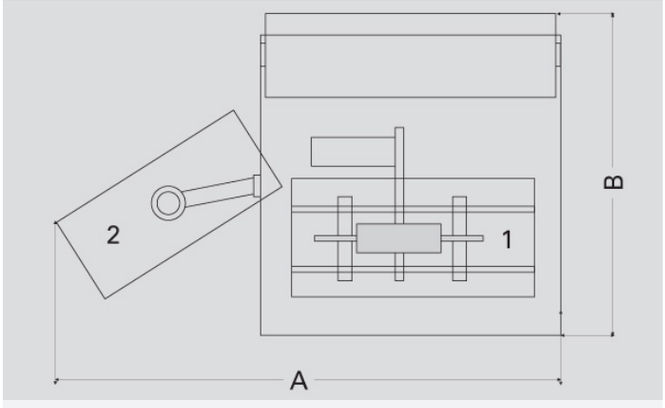

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Data at a glance		Rollers	V-Blocks
Rotor			
Weight, max.	[kg]	5	1
Diameter, max.	[mm]	150	150
Journal distance, max	[mm]	240	240
Journal diameter	[mm]	5 - 22	2 - 22
Journal diameter optional	[mm]	21 - 40	
Maschine			
Width	[mm]	602	
Depth	[mm]	785	
Height	[mm]	925	
Total weight	[kg]	135	
Power supply		230 V AC, 50 Hz	
Belt drive		Tangential with flat belt from bottom	Tangential with O-rings from bottom
Drive power	[W]	100	100
Automatic angle indexing		included	included
Min. achievable residual unbalance Umar	[gmm/kg]	0,1	0,1
Max. sensitivity CAB 700	[gmm]	0,3	0,2
Max. sensitivity CAB 920	[gmm]	0.15	0.1
3-colour painting		RAL 7035 (light grey), RAL 7024 (graphite grey), RAL 5014 (blue-grey)	
Measuring devices			
		CAB 700	
		CAB 920 with touch-screen operation	
Options			
		Protection in accordance with ISO 7475 Class C (protection against parts flying off)	
		Test rotor (500 g) wtith test weights	
		External interfaces for printers and network (CAB 92	
		Color printer for report print-outs	
		Graduation scanning as reference and angle position sensor	

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