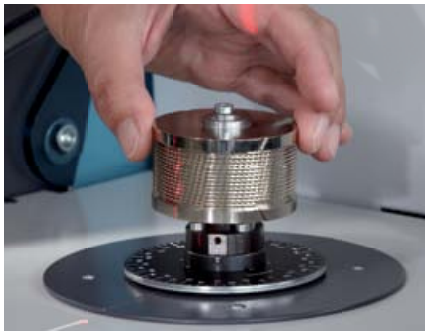




**VIRIO 05 – The expert for
small disk shaped rotors up to 0.5 kg**

Virio



The variable solution for many balancing tasks

The VIRIO 05 is your flexible partner in the workshop and laboratory, in repair businesses and also for small-series production. The advantage: It balances even very small disk shaped rotors from 50 grams up to 0.5 kg. This is made possible by the

variable drive technology which we have developed for this machine. The wide measurement speed range of 1,000 to 3,000 rpm provides the optimum in accuracy and precision, particularly in the case of different rotors.

Wide rotor range

With the new VIRIO 05, small disk-type rotors without shaft journals can be balanced very accurately in one or optionally two planes. Typical examples include vertical fans, pump impellers, compressors, tools or flywheels.

The machine is compact in design with very good accessibility of all operating and display elements. It complies with the latest findings in ergonomics and technology.

Easy operation due to technical advantages

Balancing is greatly simplified by the permanent calibration: Fit the rotor, enter the geometry data, start the measurement run and then carry out the correction. The unbalance for one or both correction levels is displayed after the first measurement run – without time-consuming

calibration runs. By means of the automatic angle positioning on the correction points, the VIRIO 05 enables an exact and fast unbalance correction. The line laser ensures the clear display of the correct angle position.

Proven measuring technology

The VIRIO 05 comes complete with proven measuring technology in the accustomed Schenck top quality in two levels:

CAB 820, the cost efficient basic measuring unit for the balancing of small series or individual rotors.

CAB 920SMART TOUCH, the high-end solution in terms of operability, precision and versatility. This unit is easy to operate via touch-screen functions, and is also equipped with a vectormeter display.

Technical data

| | |
|------------------------------------|-------------------------------|
| Rotor mass including tooling: | max. 0,5 kg |
| Drive power | 100 W |
| Balancing speed approx.: | 1000 – 3000 min ⁻¹ |
| Distance between correction planes | 20 mm |
| Umar | 0,075 gmm |
| Start-stop time: | 5 sec. |
| Single plane measurement: | 0,05 gmm |
| Rotor diameter max.: | 220 mm |
| Rotor height max.: | 150 mm |



**Balancing and
Diagnostic Systems**

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