

OUR PRODUCT RANGE

UNIVERSAL BALANCING MACHINES

with computerized balancing measuring unit



Model KV- 10

Designed for precise balancing, from particularly small rotating units to max, 10 kg rotors. For example: turbochargers, rotating units of household equipments etc. The maximum diameter of the rotating unit to be balanced is 350 mm, span of bearing 40-450 mm. The rotating unit of the machine is propelled by belt, the unbalance position is calculated photo electronically. Its diagnostic unit is the CKM - 2000.1 Computerised Balancing Measuring Unit (CKM).

Model KV- 20

The maximum propelling unit to be balanced is 20 kg in weight and 440 mm in diameter, with a bearing span of 450 mm. Machine units assembled together with holding parts can also be balanced, for example electric engine together with platform. The bearing brackets can be hard vibration systems. In the belt-driven driving mechanism the engine contains a 3-stage band-wheel, 2 guiding rollers and a tension-roller. On request we can supply it with different version upgraded drive is ordering. After switch off, countercurrent stopping the rotor. The photo sensor is held horizontally by a stand behind the propelling unit. The unbalance position is shown by a white edge painted on the propelling unit. Its diagnostic unit is the CKM - 2000.1 Computerized Balancing Measuring Unit (CKM).



Model SVV – 100



With the use of this machine it is possible to balance propelling units to the maximum of 100 kg in weight and 900 mm in diameter, with a bearing span of 1000 mm, moreover it is adaptable to machine units assembled together with holding parts. The balancing machine consists of two measuring bases tightened to the platform of the machine a reel case equipped with an engine placed at the left side of the platform and the CKM - 2000.1 Computerized Balancing Measuring Unit. There are two T-shaped notches caved into the rear side of the platform, enabling to mount the stand of the equipments used for assisting the balancing procedure, for example drills, spot-welding tools etc. The bearing brackets can be hard vibration systems. In the reel case the engine and the heavy-current electrical control unit can be found. The main reel rotates the propelling unit with a cardan axle inserted.

CKM - 2000.1 COMPUTERISED BALANCING MEASURING

Consists of a vibration analysator, a personal computer, color monitor, keyboard, printer, vibration sensors, reference relay and balancing software.

The measuring unit can be connected to older or new balancing machines, not depending on whether it is hard or soft vibration systems, cardan or belt-driven, constant or ungraded. It can serve for two balancing machines simultaneously. Apart from calculating the normal unbalance, it is able to perform special measuring tasks;

Separating static and moment unbalancing; unbalancing with resetting, with compensation, unbalancing on a guest axle; eliminating the effect of driving cardan;

Dissociate vectors etc. The measuring unit is able to create a certificate automatically in case of precise measuring, it archives the data, creates a log, calculates the performance of the user etc. It is not necessary to have computer skills.

FURTHER FIELDS OF ACTIVITY:

- o Designing, producing and distributing universal balancing machines, computerized balancing measuring units, induction bearing heaters
- o Updating older balancing machines by equipping them with computerized balancing measuring units
- o Imbalancing propelling units with certificate
- o Customer support on unbalancing and vibration
- o Designing machines

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