

# TRAINING AND DEMO STAND for machine commissioning and diagnostics VAST TC-2

Training and demonstration stand designed by Association VAST is used for demonstration and training in:

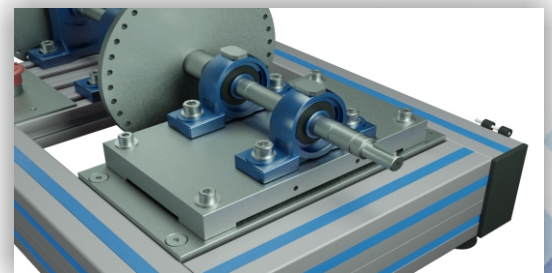
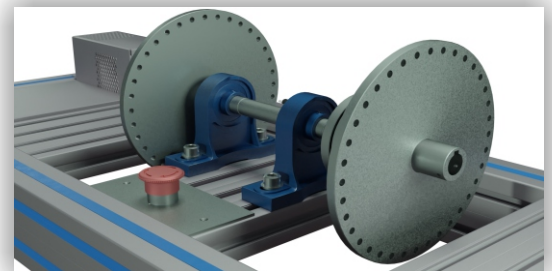
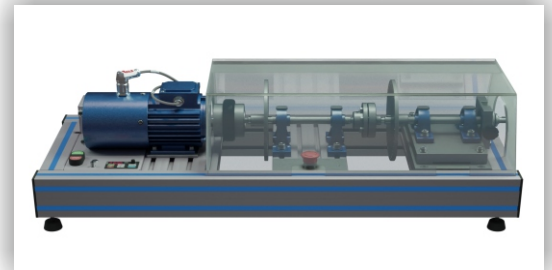
- Condition monitoring ;
- Bearing diagnostics;
- Shaft alignment;
- Dynamic balancing.

For the condition monitoring and training in measurements the stand is equipped with 5 bearing supports, including one bearing shield with interchangeable bearings. The stand is supplied with three bearings with different defects.

Dynamic balancing can be demonstrated and trained using a rotor with two discs. It allows static and dynamic 2-plane balancing.

Shaft alignment can be demonstrated and trained using the movable machine represented by a platform with 4 supports and a rotor in two bearings.

Adjustable rotation speed for condition monitoring and multimode balancing.



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### Specifications:

NAME	VALUE
Dimensions, mm Length Width Height	1000 400 320
Weight, kg	50
Rotation speed	0...2000
Drive motor	АДЧР63В4У3-IM1081-1-В-1 N = 0,37
Discs diameter/ thickness, mm	200 / 8
Radial shift of the “movable machine” for alignment Horizontal, mm Vertical, mm	4,0 4,0
Number of balancing weight attachment places / thread type	36 / M6
Accelerometer mounting places	4
Protective shield with programmable machine stop on opening	
Power supply	220 ± 10%V / 50 Hz

### Supply set:

- Demo stand;
- Set of wrenches for adjustments and balancing weights installation;
- Set of shims for alignment;
- Set of balancing weights;
- Scales for balancing weights MH 0.01-200 gr;
- Set of bearings type 205 with introduced defects of different types — 3 pcs.