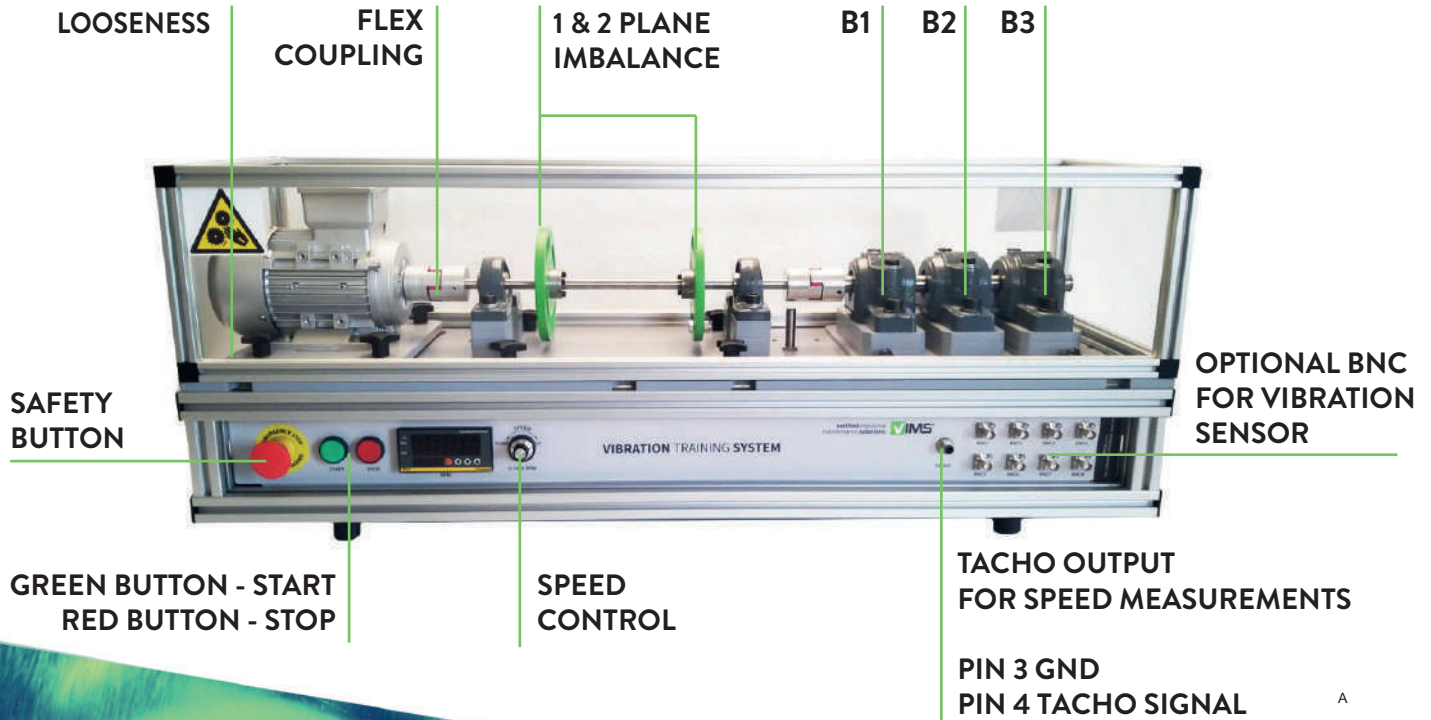


VIBRATION TRAINING KIT - ADVANCED

SINGLE AND TWO PLANE BALANCING

Advanced Rotor Kit for test and measurements to support practical training of vibration signals, bearings faults detection and single and two plane balancing job. Rotor kit is based on aluminium plate with rubber dampers.

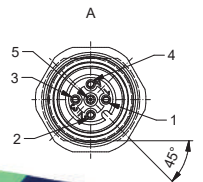


GREEN BUTTON - START
RED BUTTON - STOP

SPEED
CONTROL

TACHO OUTPUT
FOR SPEED MEASUREMENTS

PIN 3 GND
PIN 4 TACHO SIGNAL

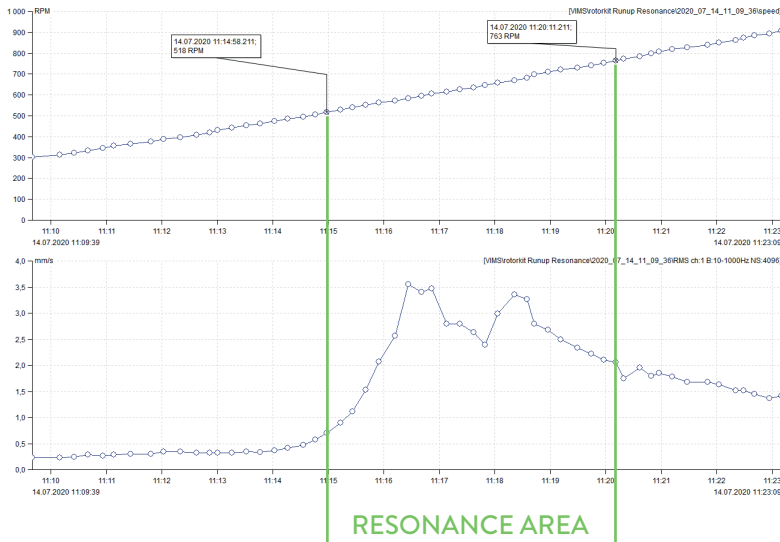


FUNCTIONALITY:

- 1 phase power supply
- Quick installation
- Simulation a real industrial machine
- Operational safety (safety stop and protection cover)
- Spots for accelerometers
- Single and two plane balancing

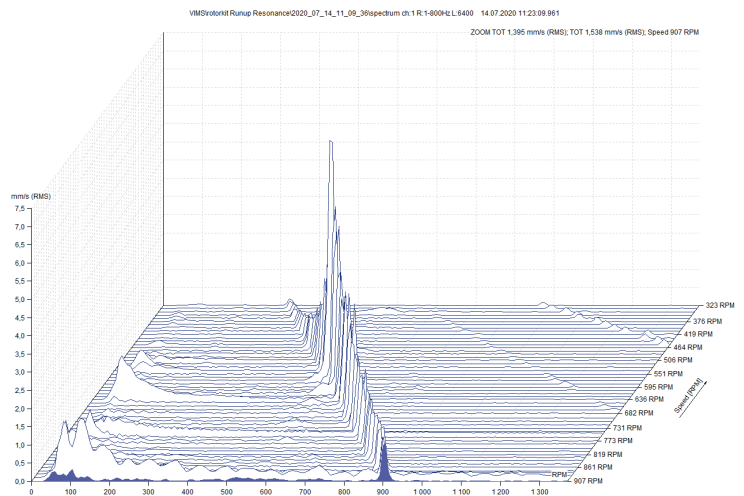
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The drive is made of low power 3 – phase electric motor and frequency inverter for START, STOP and continuous shaft speed control with safety switch near by. Clutch drives rotor with discs from 0 RPM up to 1480 RPM. Discs has threaded holes around different diameters for trial and balancing masses. Shaft is based on two main ball bearings.

Flat spot with thread is prepared on top of all bearing's housing for accelerometers. Rotational part has cover made of aluminium frame and transparent barrier to protect operators when rotor runs. Cover has open top to fit accelerometer with connector.



RUNUP WATERFALL

SPECIFICATION

Power supply

B1

B2

B3

Speed

Safety button

Green button

Red button

Prepared mouting positions for vibration sensors

Tacho output

Dimensions (w x d x h)

Weight

~230 V, 50 Hz
Rolling element defect
No defect
Outer race defect
0..1480 RPM
2 sides
START
STOP
1/4 - 28 UNF
M12 5Pin
1000 x 290 x 380 mm
~ 50 kg

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