

Vibration Calibrator Type WDS-2



Vibration Calibrator Type WDS-2 is intended for calibration of vibration meters equipped with whole body vibration transducers according to ISO 8041:2005.

Type WDS-2 generates sinusoidal vibration of nominal acceleration 1 m/s^2 RMS at frequency 16 Hz.

The calibrator is powered from internal battery.

The Calibrator WDS-2 enables calibration of triaxial whole body transducers in 3 axes without removing its rubber cover.

Accessories:

- disk with rubber orings for attaching whole body transducer;
- cantilever for calibration whole body transducer in axes X and Y;
- battery charger;
- level;
- screwdriver;
- warranty card;
- user manual;
- declaration of conformity;
- transporting case.

Technical Specifications

Nominal RMS acceleration under reference conditions:	$1 \text{ m/s}^2 \pm 3\%$
Signal frequency:	$16 \text{ Hz} \pm 0,2\%$
Non-linear distortion of generated sinous signal (for nominal load $600 \text{ g} \pm 30\%$):	<i>less than 5%</i>
Nominal load:	600 g
Load range:	$400 \text{ g do } 700 \text{ g}$
Diameter of the disk for attaching whole-body vibrations transducer (seat pad):	240 mm - other diameter available on request
Warm-up time:	$< 15 \text{ s}$
Operating conditions:	
• temperature range	$0^\circ\text{C to } 40^\circ\text{C}$
• air humidity range	$10\% \text{ to } 90\% \text{ RH}$
Power supply:	<i>internal rechargeable battery 12 V/ 0,8 Ah</i>
Charging time:	<i>up to 4 hours</i>
Dimensions (W×D×H):	$230 \times 320 \times 80 \text{ mm}$
Weight:	$4,7 \text{ kg}$ (battery installed)
Conformance to standards:	<i>ISO 8041:2005</i>

We reserve the right to change the specifications without prior notice.