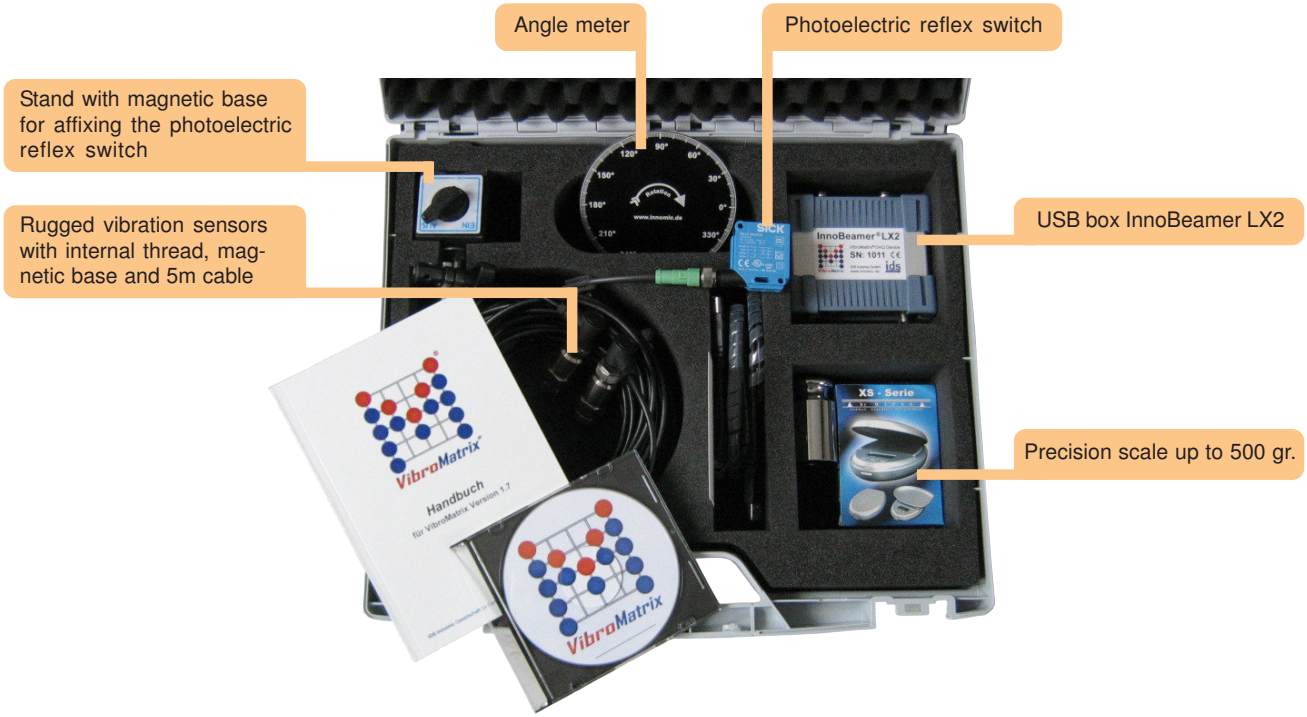
VibroMatrix® Kit

Balancing Kit



The VMSet-01 and VMSet-02 come in a handy case and provide you with everything you need for Single- resp. Two-Plane-Balancing. It is not necessary to select all required single components on your own.

The system can be extended easily by new software instruments, e.g. for frequency or run-up analysis at any time. New hardware components are not necessary.

	VMSet-01P	VMSet-01S	VMSet-01L	VMSet-02P	VMSet-02S	VMSet-02L
	Single-Plane-Balancing			Single- and Two-Plane-Balancing		
Hardware						
Sensor for Vibration Measurement	- Type: Piezoelectric accelerometer, shear design - Sensitivity: 100 mV/g, linear frequency range: 0.13 .. 22 000 Hz - Operating temperature: -20 .. 120 °C - Protection grade: IP67 / insulated case avoiding ground loop problems - Accessories: Clamping magnet and cable (5m)					
Amount	1	1	1	2	2	2
Sensor for Reference Position	- 1 piece opto-electronic sensor - Scanning range: Maximum 7m, signal sequence min: 1500/s, response time: < 330 µs - Protection grade: IP67, operating temperature: -40 .. 60 °C - Accessories: Stand with switchable magnetic base, 5m cable, reflection foil					
Additional accessories	- Angle meter specialized for balancing, precision scale incl. test weight					
USB Box for Digitization	- 1 piece InnoBeamer LX2 - Inputs: 2x analog for vibration sensor(s), 1x digital for photoelectric reflex switch - Signal frequency: 0.1 .. 3200 Hz - Supply current: < 500 mA with supply of all sensors - no mains adapter required - Operating temperature: -20 .. 50 °C, weight: 350 gr. - Accessories: Synchronisation cable and 1m USB cable					
Software Licenses						
InnoBalancer	1x Pro	1x	1x Light	2x Pro	2x	2x Light