



FASTTRACER Suitcases

The right systems for vibrations measurement and spindle balancing on field

Your requirement for a portable on field vibrations analyzer is now completely satisfied by the dedicated **FastTracer Suitcases**:

- Software versatility from basic overall measurement conform to ISO10816 to spectral analysis, from bump test for resonance checking to data recorder for further post processing
- Easy installation procedure in any possible situations
- Easy system verification on field by gravity check – no need of system regulation
- Balancing procedure, for correction of the most common cause of machine vibration

And everything in robust and portable suitcase

Sensor Specification

The core of the system is the tri-axial MEMS digital sensor that integrate directly in the sensor unit the capacity of digitize the data and transfer them to the pc where run the acquisition and analysis software



Full range:	5 g (options 2 or 18 g)
Frequency Range:	2500 Hz
Resolution:	0,00075g
Dimension:	30x55,5x15 mm
Weight:	55g
Protection grade:	IP67
Shock :	10.000 g
Operating Temperature:	0÷70°C
Communication:	USB or WiFi)

The FASTTRACER Suitcase Hardware

- Basic **FastTracer** hardware 5g (or 2/18 g) including leather like portable case, 3 m standard cable, mounting magnet, calibration certificate and manuals
- 10 m extension cable fore measurement far from pc (longer extension cable available on request)
- WiFi module for measurement in hard to reach point where cable installation is difficult (eg. On machine spindle)
- Two battery kit for wifi option
- Battery charger/ WiFi module power supply



Ordering information:

FTO-YYXX

YY = accelerometer range

02 = 2g

05 = 5g

18 = 18g

XX = software options

01 = FTAnalyzer

02 = Balancer Application

03 = Both

Not all options are compatible

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The FASTTRACER Suitcase Software

The Kit is delivered with one or both the following Software Options:

FT Analyzer License

Powerful vibration analysis software including:

- Time Signal analysis
- Overall values conform to ISO10816
- Spectral Analysis (Acceleration, Velocity and Displacement)
- Raw data recording and post-processing capabilities
- Data export to .txt or Excel for easy reporting



Balancer application license

Without the need of direct rpm reading a perfect balancing tool for spindles, grinders and lathes including:

- Guided procedure for spindle
- Guided procedure for grinder
- Guided procedure for rotating table
- Standard balancing report generation

