

Leonova™ Infinity – Platform



Leonova™ Infinity is a hand-held machine condition analyser with colour touch screen, operating under Windows CE. Following functions are always included for unlimited use:

- Data logging with Condmaster®Nova
- ISO 2372 vibration monitoring
- Speed measurement
- Temperature measurement
- Analog signals, current and voltage
- Reading from and writing to Condid® memory tags
- Manual recording, free quantity
- Check points, free text

The main Leonova functions are user selected, see TD-212. With synchronous measurement, enveloping, true zoom and up to a 12 800 line spectrum over 0.5 Hz up to 40 kHz, Leonova™ Infinity has full vibration analysis capacity. SPM has also incorporated the evaluation tables of the new ISO 10816 standards for broad-band measurement of vibration velocity, acceleration and displacement. For single and dual plane rotor balancing, an easy to use graphical guide calculates balancing weights and their position. For shaft alignment, Leonova Infinity uses advanced laser technique with easy targeting, modulated line laser beam and automatic precision calculation of shaft positions.

Ordering numbers

LEO801	Leonova Infinity, Grey, incl. wrist strap and stylus
LEO802	Leonova Infinity, Blue, incl. wrist strap and stylus
90362	Charger, 100-240 V AC, 50-60 Hz, Euro-plug
90379	Charger, 100-240 V AC, 50-60 Hz, US-plug
90380	Charger, 100-240 V AC, 50-60 Hz, UK-plug
CAB46	Communication cable, USB
CAB47	Communication cable RS232, 9 pin
14715	Belt clip
15310	Protective cover
CAS16	Carrying case, plastic with foam insert

Parts of the Leonova Infinity system are specified on the technical data sheets (TD) listed below:

Instrument specifications	TD-211
Selection of instrument functions	TD-212
SPM Shock pulse measurement, dBm/dBc	TD-213
SPM Shock pulse measurement, LR/HR	TD-214
SPM Spectrum™	TD-218
ISO 2372 vibration monitoring	TD-225
ISO 10816 vibration monitoring with spectrum	TD-219
FFT with symptoms	TD-220
EVAM® Evaluated vibration analysis	TD-221
2 channel simultaneous vibration monitoring	TD-222
Run up/Coast down and Bump test	TD-223
Orbit analysis	TD-224
Balancing	TD-226
Shaft alignment	TD-227
Long-time recording	TD-228
Services	TD-229
Protective cover	TD-246
Transducers and measuring cables	TD-247
LineLazer ^{II} detector units	TD-267

Spare parts

15178	Stylus for touch screen
14661	Wrist strap
PRO49	Leonova Service Program
71789	Instruction "Getting started"
71792	Leonova Infinity User guide

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EPO1474664, DE60304328.3, FR1474664, GB1474664, NL1474664, SE03731865.6

