

Vibration and balancing machine EasyBalancer EB 3500

With roller bearing condition gSP MI/EB function

Hofmann.
Intelligent Balancing Solutions

Application:

EasyBalancer EB 3500 is specially designed for balancing sanding discs and grinding spindles. The positions of the sliding weights for correcting the unbalance are determined automatically. Ideal for field balancing sanding discs or spindles, assessing balancing quality, measuring the overall vibration, measuring unbalancing vibrations, evaluating the machine and plant status, measuring the vibration of bearing and machine housings, measuring speed and measuring the rolling bearing condition.

Execution:

- high-resolution 3.5 inch touchscreen display
- USB interface for data transfer
- two sensor connections: 1x measuring input and 1x speed input
- incl. roller bearing condition gSP MI/EB function, software-controlled

Advantage:

- Balance and optionally measure vibration in a single device
- Simple user guidance with high-resolution touchscreen
- Measurement data is transferred via USB interface to the PC
- Create tailored measurement protocols using the PC program
- For mobile use with measurement data memory function

Delivery:

EasyBalancer EB 3500, power supply and charging adapter, HMA 1140 vibration sensor, cable length 5 m, retaining magnet for vibration sensors, reflective tape 0.5 m, A1S30P speed sensor with magnetic stand and connecting cable 3 m, USB cable, USB flashdrive with PC program and operating instructions, transport case



Art. no.	48601107
Brand	HOFMANN
Manufacturer Part Number	900-2580 + 348-0053
Min./max. rotation speed	180-200000 1/min
Data transmission type	USB
Min./max. rotation-speed measuring range	30-200000 1/min
Frequency range overall vibration	10-1000 Hz
Min./max. rolling bearing condition after gSP measuring range	5-50 kHz
Min./max. display range of effective value	0-1 mm/s
Min./max. display range of peak value	0-1000 µm
Min./max. frequency range rolling bearing condition	5-50 kHz
Battery voltage	1.2 V
Resolution top tip value	0.001 mil
Resolution RMS value	0.01 mm/s
Sensitivity accelerometer	100 mV/V
Drehzahlsensor	Optical & laser
Resolution peak value	0.01 µm
Sensor connection	1 measurement input and 1 speed input
Screen	3.5-inch touchscreen
Battery included	Yes
Number of rechargeable batteries/batteries	4 PCS
Type of rechargeable battery/battery	NiMH
Housing length	205 mm
Housing width	100 mm
Housing height	35 mm
Housing dimensions (LxWxH)	205 x 100 x 35 mm
IP protection type, equipment housing	IP 54
Weight	0.55 kg
Min. display range of effective value	0 mm/s
Max. display range of effective value	1 mm/s
Min. peak value display range	0 µm
Max. peak value display range	1000 µm
Min. rotation speed	180 1/min
Gross Weight	2.950 kg