

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.

Version:

- Robust plastic housing
- High-resolution 3.5" touchscreen display
- USB interface for data transfer
- Display range 0-1000 (mm/s) eff or μm (pk)
- Resolution 0.01 (mm/s) eff or μm
- Device dimensions (w x h x d): 100x205x35mm
- Two sensor connections: 1x measuring input and 1x speed input
- incl. without roller bearing condition gSP MI/EB function, software-controlled

Advantage:

- Balance and measure vibration in one 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 incl. roller bearing condition gSP MI/EB function, power supply and charging adapter, vibration sensor HMA 1140, cable length 5 m, retaining magnet for vibration sensors, reflective tape 0.5 m, speed sensor A1S30P with magnetic stand and connecting cable 3 m, USB cable, USB stick with PC program and operating instructions, transport case



Art. no.	48601 107
Min./max. rotation speed	180-60000 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
Resolution peak value	0.01 μm
Resolution top tip value	0.001 mil
Resolution RMS value	0.01 mm/s
Sensitivity accelerometer	100 mV/V
Drehzahlsensor	Optical & laser
Sensor connection	1 measurement input and 1 speed input
Screen	3.5-inch touchscreen
Number of rechargeable batteries/batteries	4 PCS
Type of rechargeable battery/battery	NiMH
Housing dimensions (LxWxH)	205 x 100 x 35 mm
IP protection type, equipment housing	IP 54
Weight	0.55 kg
WEEE (taking back waste electrical and electronic equipment)	5