

LASER SHAFT ALIGNMENT SYSTEM



ASHOOTER+[®]

LASER SHAFT ALIGNMENT

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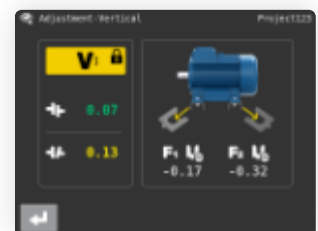
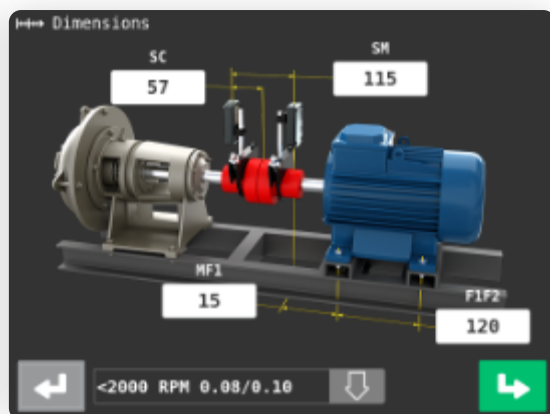


ASHOOTER+®

LASER SHAFT ALIGNMENT

LASER SHAFT ALIGNMENT HAS NEVER BEEN EASIER!

- Entry level laser shaft alignment for **Horizontal** machine
- **Wireless** transducers with **digital inclinometers**
- High resolution (**0.001mm**) 30mm CCD detector with laser emitter
- Editable misalignment **tolerances**
- **Right/Left 3D view** (Flip function)
- **Soft foot** checker and **Thermal growth** compensation
- **LIVE mode** for Horizontal machine correction
- **SHIM calculation** for Vertical machine correction
- **Editable report** with machine picture for PC (USB output)
- Embedded 160x120 px **FLIR LEPTON infrared thermal camera**
- Embedded 5MP **digital visible camera**
- **Optional vibration analysis program** and vibration wired sensor (VSHOOTER+®)



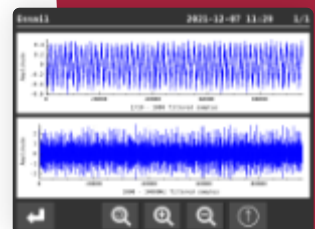
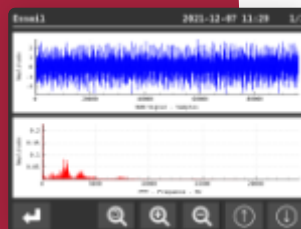


VSHOOTER+®

AUTO VIBRATION ANALYZER

Optional VSHOOTER+® vibration analysis program and ICP magnet vibration sensor with cable for predictive maintenance on rotating machine

- **Machine Condition Picture (MCP)** at a glance
- High quality wired 100 mV/g ICP&IEPE sensor with strong magnet
- Overall RMS values - FFT spectrum - Time signal - Trend curve - T°
- AUTO ANALYSIS capabilities : Unbalance - Misalignment - Looseness - ??? - Bearing lubrication - Bearing shock
- BALISHOOTER® firmware for severity checking of only Unbalance or Misalignment defaults
- Reporting capabilities with PC via USB
- Stereo headphone output



ASHOOTER[®] TECHNICAL SPECIFICATIONS

Poids 4.5kg with case - 0,7kg for handheld device – 0,12kg for laser transducer

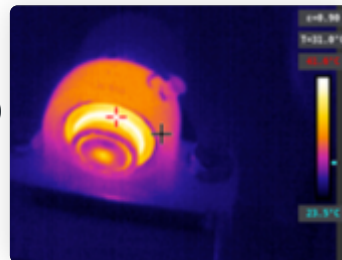
Dimensions 310x165x65mm for handheld device

IP54 for handheld device (ABS plastic) - 6H Li-Ion rechargeable battery

Laser transducers 30mm CCD wireless detector with 1 μ m resolution (1%+0.01mm precision)
1 m max distance – Laser class 2 <1mW – Digital inclinometer (0.1°)

Mounting brackets 2x V-brackets – 2x chains (20-250mm shaft \varnothing) – 4x threaded rods

Camera Digital 5MP
& FLIR LEPTON infrared thermal
160x120 px (<50mK ; -10°C to +400°C)



Écran Large 5,7" 640x480 px touchscreen

Optional Sensor ICP/IEPE accelerometer - 100 mV/g with strong magnet

Optional Measurements 10(2)-1000 Hz ISO RMS in mm/s
1000-14000 Hz RMS in g & CREST
2-400 Hz in mm/s & 2-14000 Hz in g FFT & TIME
TRENDING mm/s & g
BALISHOOTER[®] firmware

Optional Output Stereo headphone for "mechanical" listening

Memory 1000 files - Micro USB output for PC reporting and memory saving

Power charger Universal 12VDC-1,5A



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