



# VSHOOTER<sup>®</sup>

VIBRATION ANALYSIS CAMERA

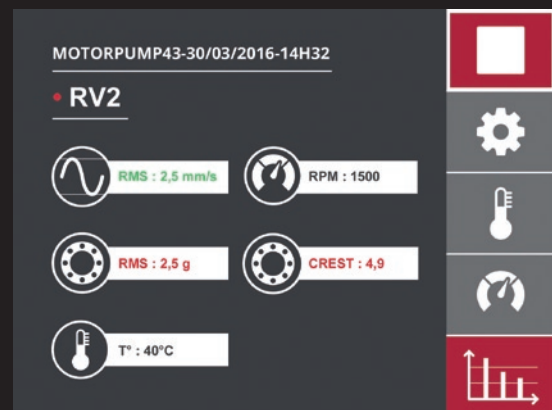
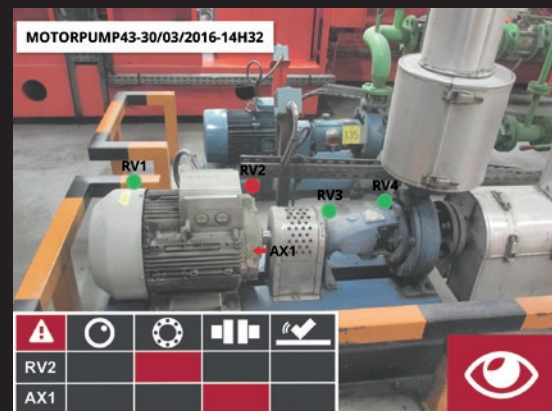
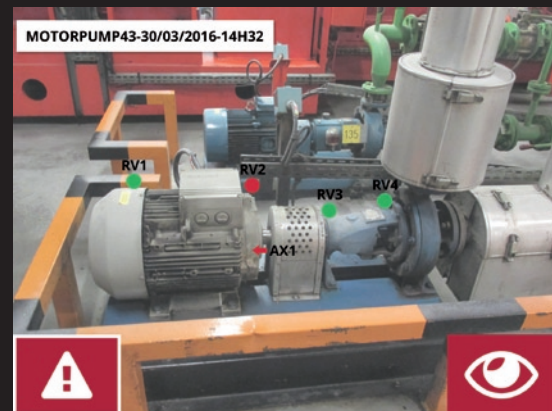
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# VSHOOTER® VBS1T

## Shoot your machine condition defaults with the first vibration analysis camera !



Machine Condition Picture (MCP) with condition states

Photo capture

Validation



Default detail  
Unbalance, Misalignment,  
Looseness, Bearing problems

Measurement detail

Home  
On/Off

Menu browsing



### VIBRATION ANALYSIS CAMERA

- VGA integrated camera - Photo capture
- High quality ICP 100 mV/g sensor with strong magnet - Vibration
- 6X integrated stroboscope LEDs - RPM
- High quality integrated infrared pyrometer - Temperature
- Stereo audio output  
Listening of bearing / gear signal
- Colored ISO 10816 included
- FFT spectrum with Auto Machine Diagnosis of :  
Unbalance, Misalignment, Looseness, Bearing problems
- Trend View
- High quality VGA colored TFT screen
- Micro USB output for reporting on Windows-PC
- 8 hours rechargeable Li-Ion battery - Universal power charger or USB charger
- IP 54

# VSHOOTER®

# VBS1T

## Condition Monitoring with Machine Condition Picture (MCP)

### TECHNICAL SPECIFICATION

<b>Frequency range</b>	(2)10 to 1.000 Hz for vibration and 1.000 to 10.000 Hz for bearing
<b>Reading unit</b>	RMS / Peak-Peak / Crest depending of measuring unit
<b>Measuring unit</b>	Acceleration (g) / Velocity (mm/s or ips) / Displacement (µm or mil)
<b>Condition evaluation</b>	According to ISO 10816 Part 3 (from 120 rpm (2Hz))
<b>Alarm FFT spectrum</b>	3200 lines, Hanning window and linear view
<b>Temperature</b>	Infrared pyrometer, 0°C to +150°C (2,2°F to 302°F)
<b>Stroboscope</b>	LED's stroboscope, 60 RPM to 30.000 RPM
<b>Camera</b>	High quality colored 640x480 pixels CMOS camera
<b>Display</b>	High quality colored 640x480 pixels TFT screen with backlight
<b>Keypad</b>	Sealed membrane
<b>Housing</b>	ABS Plastic, IP54
<b>Battery</b>	Rechargeable Li-Ion with universal power charger or USB power (5V-2A)
<b>Battery life</b>	> 8 hours of typical use
<b>External sensor</b>	100 mV/g IEPE accelerometer (ICP) with magnet and flexible cable (1.5m)



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VSHOOTER® a SYNERGYS  
TECHNOLOGIES innovation

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