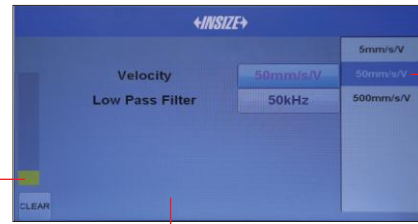


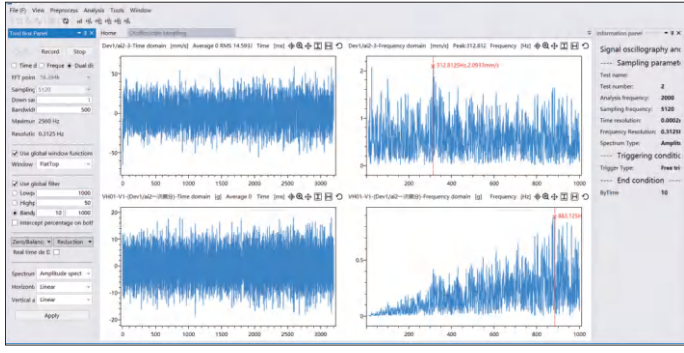
LASER VIBROMETER CODE 0030-LM15



sensitivity setting

reflective signal strength indicate

computer software (included): time-domain, frequency-domain, dual-display mode



tripod (included)

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- Non-contact measurement, no additional mass influence
- All-in-one design, integrated optical and electrical systems
- Manual focusing
- Computer software is included

SPECIFICATION

Laser		output<4mW, wavelength 632.8nm, class 3A laser product
Working distance		0.35mm~10m (depending on surface)
Speed decoder	bandwidth	DC~20kHz
	range	±50mm/s, ±500mm/s, ±5000mm/s (adjustable)
	maximum speed resolution *	0.1µm/s/√Hz
Maximum linearity error		±1%
Output voltage range		±10V
Output	digital signal	ethernet port
	analogue signal	BNC port
Low-pass filter		500Hz, 2kHz, 20kHz
Gear control and display		7-inch colour touchscreen with interactive menu-guided setting
Power supply		power adapter
Operation temperature		5°C~45°C
Storage temperature		-10°C~65°C
Dimension		382×160×94mm
Weight		5.2kg

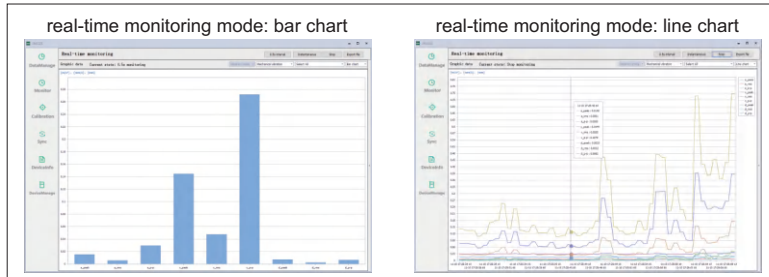
* Maximum speed resolution is defined as the signal amplitude (RMS) measured at 10Hz with a signal-to-noise ratio of 0dB when a reflective film is applied at a distance of 2 meters

STANDARD DELIVERY

Main unit (including speed decoder)	1 pc
Tripod	1 pc
Power adapter	1 pc
Software	1 pc

OPTIONAL ACCESSORY

Laptop computer	0030-COMPUTER-E
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software (included), monitor and collect data to PC software via USB cable,
data can be sent to Excel



- Can measure vibration frequency
- Can measure virtual value/peak value/peak-peak value of acceleration, velocity and displacement
- Suitable for factory inspection, status monitoring and fault diagnosis of mechanical equipments such as motors, pumps, fans, household appliances, compressors, smoke machines, generators, gearboxes, etc.
- Software is included: on-line monitoring, data storage

SPECIFICATION

Measuring parameter	acceleration (virtual/peak/peak-peak value) $a_{RMS,1}$, $a_{Peak,1}$, $a_{P-P,1}$, a_{Peak} , a_{P-P}	velocity (virtual/peak/peak-peak value) $V_{RMS,1}$, $V_{Peak,1}$, $V_{P-P,1}$, V_{Peak} , V_{P-P}	displacement (virtual/peak/peak-peak value) $d_{RMS,1}$, $d_{Peak,1}$, $d_{P-P,1}$, d_{Peak} , d_{P-P}
Measuring range	0.01~200m/s ² (peak value)	0.1~200mm/s (virtual value)	0.01~2mm (peak-peak value)
Frequency range	10Hz~5kHz	10Hz~1kHz	10Hz~500Hz
Amplitude frequency response	±5%		
Amplitude linearity	±5%		
Frequency accuracy	±0.5%		
Cut-off frequency (second-order high-pass filtering)	8kHz sampling frequency: 3.16Hz、10.00Hz、31.60Hz、N/A (adjustable) 32kHz sampling frequency: 12.64Hz、40.00Hz、126.4Hz、N/A (adjustable)		
Display	1.96" 128×64 dot matrix OLED screen		
Language	Chinese, English, Portuguese		
Power	<80mA/5V		
Power supply	4×AAA batteries: 6.0V/1000mAh; AC/DC adapter: 5V/2A		
Operation condition	temperature: -10°C~50°C; humidity: 25%RH~90%RH, non-condensing; pressure: 65kPa~108kPa		
Dimension	172×69×26mm		
Weight	240g		

STANDARD DELIVERY

Main unit	1 pc
Software	1 pc
Accelerometer (including cable)	1 pc
Magnetic base	1 pc
M5 screw	1 pc
Battery (AAA)	4 pcs
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Tripod	0701-TR175
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VIBRATION PEN (THREE PARAMETERS) CODE 0020-A199



- Acceleration, velocity and displacement can be tested
- Automatic power off



SPECIFICATION

Parameter	acceleration	velocity	displacement
Measuring range	0.01~199.9m/s ² (peak value)	0.01~199.9mm/s (virtual value)	0.001~1.999mm (peak~peak value)
Frequency	10Hz~1kHz	10Hz~1kHz	10Hz~500Hz
Frequency response	±5% (≥20Hz) -20%~+10% (<20Hz)		
Linearity	±(5%+2unit)		
Indeterminacy of sensitivity	≤3%		
Operation temperature	0°C~40°C/32°F~104°F		
Operation humidity	<85%		
Power supply	2×LR44 battery (for 10 hours working)		
Dimension	150x22x18mm		
Weight	55g		

STANDARD DELIVERY

Main unit	1 pc
LR44 battery	2 pcs

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VIBRATION PEN CODE 9720-199



- Measure vibration of motors, fans, pumps, compressors and machine tools to prevent mechanical failure
- Small size, light weight, low energy consumption, easy operation, easy to carry
- One key control
- Automatic power off



SPECIFICATION

Measured parameter	speed
Measuring range	0.1~199.9mm/s
Frequency	10Hz~1kHz
Accuracy	±(5%±2)mm/s
Operation temperature	0°C~40°C
Operation humidity	<85%
Power supply	2×LR44 batteries (for 10 hours wroking)
Dimension	150x22x18mm
Weight	55g

STANDARD DELIVERY

Main unit	1 pc
LR44 battery	2 pcs



PORTABLE VIBRATION CALIBRATOR CODE 0021-AS159

- Quick, easy calibration and checking of vibration measurement, monitoring and recording system

SPECIFICATION

Frequency	159.2Hz±1%
Acceleration	10m/s ² ±3% (RMS)
Distortion	<5%
Transverse vibration	<5%
Warm-up time	<20s
Maximum load	70g
Mounting thread	M5×0.8mm
Operation temperature	0°C~40°C
Operation humidity	10%RH~90%RH, non-condensing
Power supply	rechargeable lithium battery, working time≥5h
Dimension	Ø54.5×147mm
Weight	620g



STANDARD DELIVERY

Main unit	1 pc
Power adapter	1 pc

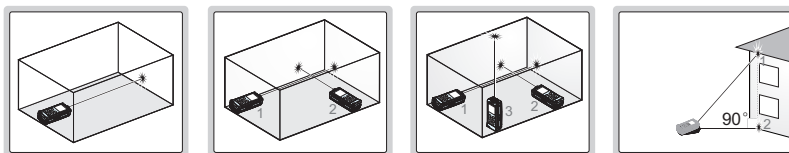
POPULAR MODEL

- High accuracy models: **9561-50B, 9561-70B**
Low accuracy models: **9561-50B-F, 9561-70B-F**
- Large display with backlight
- Unit: m, ft, in, ft+in
- Distance, area, volume and height measurement
- Continuous measuring mode to track maximum and minimum value
- Memory of 30 measurement values
- Automatic power off: laser 30s, main unit 180s

LASER DISTANCE METERS



9561-50B



distance measurement area measurement volume measurement height measurement

SPECIFICATION

Code	9561-50B	9561-70B	9561-50B-F	9561-70B-F
Measuring range	0.2~50m	0.2~70m	0.2~50m	0.2~70m
Resolution	0.001m, 0.001ft, 1/16"			
Accuracy	±(3+D/20)mm D: measured distance, unit: m		±(5+D/20)mm D: measured distance, unit: m	
Laser type	red laser, 630~670nm, class II, <1mW			
Power supply	2×AAA batteries			
Dimension (L×W×H)	115×50×28mm			
Weight	95g			

STANDARD DELIVERY

Main unit	1 pc
Battery (AAA)	2 pcs