



VIBERATION PEN AVT200&AVT260



AVT200

AVT260

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Features

- Used for fast failure detecting of motor, electric fan, pump, air compressor, machine tools and so on.
- Compact size, small weight, easy handling
- Prompt testing of vibration on the workshop machines
- For quick checking of unbalance misalignment, bearings and gears
- Guard against mechanical malfunction
- Holding tested value for 40 seconds
- Automatic switch off after 40 seconds
- AVT200 is used specially for velocity testing
- AVT260 is used for acceleration, velocity and displacement testing

Configuration

	NO.	Item	Quantity
Standard Configuration	1	Main uni.	1
	2	Screwdriver	1
	3	Batteries SR44\LR44 1.5V	2
	4	Box	1
	5	Document	1(set)

Technical Specifications

Model	AVT200	AVT260
Parameter	RMS of vibration velocity (mm/s)	Acceleration, Velocity, Displacement
Testing range	Velocity: 0.1mm/s~ 199.9mm/s	Acceleration: 0.01m/s ² ~199.9m/s ² (peak) Velocity: 0.01mm/s~199.9 mm/s(RMS) Displacement: 0.001mm~1.999 mm (peak-peak)
Frequency range	Velocity: 10Hz ~ 1kHz	Acceleration: 10Hz ~ 10kHz Velocity: 10Hz ~ 1kHz Displacement: 10Hz ~ 500Hz
Accuracy	± 5%	
Display	3 1/2 digits LCD	
Power supply	two button batteries(LR44 or SR44)	
Battery capacity	Approx. 5 hours working continuously	
Operating temperature	0°C ~ 40°C	
Humidity	<85%	
Dimension	150mm × 22mm × 16mm	



AVT300 Portable Vibration tester



- Optimization filter manner to keep the measuring accurate
- High Brightness backlight for clear reading
- Large measuring range, displacement up to 1.999
- Analyzer of acceleration, velocity, displacement
- Three display modes Common mode display any one of peak acceleration, velocity in RMS and displacement in peak-to-peak
- Special mode display all the above options simultaneously
- Status bar on display with warning and alarm limit
- Memory for 10×10 readings

Main Parameter

Model name	AVT300
Transducer	Piezoelectric acceleration
Measure range	Acceleration: 0.1 m/s ² ~ 199.9 m/s ² (peak) Velocity: 0.01 cm/s ~ 19.99cm/s (validity) Displacement: 0.001mm ~ 1.999mm (Peak-Peak value)
Frequency range	Acceleration: 10Hz~10kHz Velocity: 10Hz~1kHz Displacement: 10Hz~500Hz
Accuracy	±5%
Operating temperature	0°C ~ 40°C
Humidity range	≤80%RH
Display	LCD,128×64 Dot matrix LCD, LED backlight
Data storage	10×10 values
Limit Alarm	Yes
Battery	Li-ion rechargeable batteries 100 hours() charging time 10 hours



AVT300 Portable Vibration tester

Standard Delivery:

Name	Quantity
Carrying case	1
AVT300 main unit	1
Power Adaptor	1
Transducer	1
Magnetic base (with 2 bolts)	1
Operation manual	1

Optional Delivery:

Connection cable
Printer
Needle group