



Vibration Tester TV310/320



Features:

TV310 is equipped with low sensitivity probe, suitable for testing strong vibration signal

TV320 is equipped with high sensitivity probe, suitable for testing weak vibration signal

Two display modes: digital value mode and spectrum mode

Large memory function: 100 × 100 measured results (100 testing points, 100 data can be stored in each testing point) ; 100 Spectrum charts

Spectrum chart can display in real time

Easy diagnosis: alarm is sounded when vibration go over limit set , and get into spectrum mode

Testing results and spectrum chart can be printed out when connected to printer

300 × 200 matrix LCD display with backlight

Compared with TV300, the testing result of TV310/320 is more accurate and stable especially in low frequency

Technical Specification

Model		TV310	TV320
Measuring range	Acceleration	1m/s ² ~392 m/s ² (Peak)	0.1m/s ² ~20 m/s ² (Peak)
	Velocity	0.1cm/s~80cm/s (RMS)	0.01cm/s~4cm/s (RMS)
	Displacement	0.01mm~18.1mm (Peak-Peak)	0.001mm~0.8mm (Peak-Peak)
Frequency range	Acceleration	10Hz~200Hz, 10Hz~500Hz, 10Hz~1KHz, 10Hz~10KHz	
	Velocity	10Hz~200Hz, 10Hz~500Hz, 10Hz~1KHz	
	Displacement	10Hz~500Hz	
Accuracy	± 5%		
Temperature	0 ~40		
Relative humidity	≤80%		
Dimension (mm)	171 × 78.5 × 28		
Power	Li battery (continuous working 20 hours)		

Standard Delivery

Main unit	1
Protection pocket	1
Low sensitivity probe (only for TV310)	1
High sensitivity probe (only for TV320)	1
Power adapter	1
Magnetic base	1
Instruction manual	1
TIME certificate	1
Warranty card	1

Optional Accessory

Needle groupware	
TA230 printer (see page Z1)	
RS232 communication cable	



Supplied by :

Tel: 0027 (011) 683 4365

Test and Measurement Instruments C.C.

www.instrumentsgroup.co.za