



진동측정장비

VM-0110/12 제품설명

- 본장비는 ISO-2631-1의 국제규격에 준하여 승차감을 평가하는 장비로 승차하는 모든 제품의 시트진동을 12축으로 측정하여 제품진동에 대한 승차감을 측정하는 승차감진동분석기이다.
- 본장비는 총 12채널로 승차감 평가에 필요한 3축센서와 6축센서의 진동신호를 분석할 수 있다.

Standard Function

Data Logger

사항 / 제품번호	VM-0110/12	
Analogue Input	Channel No.	12 channel
	Frequency Range	0.1~500Hz(±0.5dB)
	Input Impedance	1MΩ
	Max. Input	±1000mV
	Sensitivity Error	± within 0.5%(160Hz)
	Sampling Frequency	Max. 102.4kHz
	Frequency Response	6th butterworth
	Gain Amplifier	×1, ×10, ×100
	A/D Resolution	16 bit
	S/N Ratio	Over 80dB
Analogue Output	Channel Number	1ch
	Output Signal	10~2kHz sine wave, M-series random waveform
Weight	2kg approx.	
Power Supply	24VDC, 1.0A	
Ambient Condition	0~+50℃, 20~80%RH	

Seat Pickup

Detecting Direction	3-axis	6-axis
Model	VP-773	VP-476
Detecting Method	Piezo-resistive acceleration type	Piezo-electric acceleration(shear type)
Frequency Range	0.1~500Hz	0.4~500Hz
Max. Acceleration	1000m/s ²	
Usable Temperature	-20~+150℃	

Software

Model	DS-0110A+HV
Signal Processing	Frequency correction process, rms & synthesized value calculation,
Analysis Function	Spectrum analysis, mutual spectrum analysis
Display Function	12-axis waveform data, ride comfort evaluation, 3D graph

System Composition

No.	Name	Model	Q'ty
1	Data logger	VM-0110/12	1
2	6-axis Seat Pickup	VP-476	1
3	3-axis Seat Pickup	VP-773	2
4	Connection Cable	-----	1
5	Software	DS-0110A+HV	1
6	Personal Computer	-----	1