

# VM-4515SI / 3004SI / 3304SI

## 휴대용 기계진동측정기

### 가속도 / 속도 / 변위 / 온도측정



VM-4515SI

### 가속도 / 속도 / 변위측정



VM-3304SI

VM-3004SI

### SPECIFICATIONS

시양 / 제품번호	VM-4515SI
Frequency Range	5Hz~10Hz
Measuring Range	
Acceleration(ACC)	5~10Hz 1,3,10,30,100,300m/s <sup>2</sup> , 6-ranges
Velocity(VEL)	10~1kHz 10,30,100,300,1000mm/s, 5-ranges
Displacement(DISP)	10~150Hz 0.1,0.3,1,3,10mmp-p, 5-ranges
Temperature	0~150℃
Indication	EOP, RMS value(ACC,VEL), EQP(DISP)
Accuracy	
Frequency Response	Within ±5% (20Hz~500Hz) <sup>-15%</sup> / <sub>+5%</sub> (at 80Hz typical)
Sensitivity Error	Within ±5% (at 80Hz FS)
Sensitivity Switching Error	Within ±2%
Meter Linearity	Within ±1.5% of F.S.
Output	
Waveform Output	AC OUT 0 ~ ±1V (with a load ≥10k Ω)
Level Output	DC OUT 0 ~ +1V (with a load ≥10k Ω)
Temperature Level Output	DC OUT 0 ~ +1V (with a load ≥10k Ω)
Power Supply	
Battery	6F22:1pce, Life time:20hrs approx. at continuous use
External battery	9~18V, 20mA max.
AC Power supply	100VAC (with optional AC adapter)
Calibration Output	80Hz sinusoidal wave Level is adjustable using variable resistor in battery box
Dimensions & Weight	Main unit:80W ×166H ×86Dmm, 320g Pickup: φ14 ×28.5mm, 32g Probe: φ6 ×55mm, 16g

### SPECIFICATIONS

시양 / 제품번호	VM-3304SI	VM-3004SI
Frequency Range	10Hz~1,000Hz	
Measuring Range	1,10,100m/s <sup>2</sup> , 3-ranges,	0.5,1.5,5,15,50m/s <sup>2</sup> ,
Acceleration(ACC)	Min 1 digit:0.01m/s <sup>2</sup>	5-ranges,
Velocity(VEL)	1,10,100mm/s, 3-ranges,	0.5,1.5,5,15,50mm/s,
Displacement(DISP)	Min 1 digit:0.001m/s	5-ranges,
Temperature	10,100,1000 μmp-p, 3-ranges,	5,15,50,150,500,1500 μmp-p,
Min 1 digit:0.0 μmp-p	6-ranges,	
Indication	EQP, RMS value (ACC, VEL), EQP(DISP)	
Accuracy		
Frequency Response	Within ±5% (at 20~500Hz) <sup>-15%</sup> / <sub>+5%</sub> (at 10~1,000Hz)	
Sensitivity Error	Within ±5% (at 80Hz)	
Sensitivity Switching Error	Within ±2% (at 80Hz)	
Meter Linearity	Within ±0.5% of F.S.(at 80Hz)	Within ±1% of F.S.(at 80Hz)
Frequency I/O Level Difference	Within ±5% of F.S.	
Frequency selectivity	Q ≈10	
Frequency display Error	Within ±5%	
Output		
AC OUT	0 ~ ±1V (with a load ≥10k Ω)	
DC OUT	0 ~ +1V (with a load ≥10k Ω)	
TUNE OUT	0.1 ~ 1V/10~100Hz or 100~1000Hz	
Power Supply		
Battery	6F22:1pce, Life time:16hrs approx. at continuous use	6F22:1pce, Life time:20hrs approx. at continuous use
External battery	9 ~ 18V, 20mA max.	
AC Power supply	100VAC(with optional AC adapter)	
Calibration Output	80Hz sinusoidal wave output Level is adjustable using variable resistor in battery box	
Dimensions & Weight	Main unit:80W ×160H ×36Dmm, 380g Pickup : 28W ×70H ×38Dmm, 165g Probe : φ8 ×62mm, 33g	Main unit:80W ×160H ×36Dmm, 320g