

CV111

Vibration Calibrator (진동교정기)



CV111 제품설명

- 진동측정기 및 각종 가속도계의 이상유무 확인
- 최대 520g 까지의 각종 진동센서 교정이 가능하다.
- 높은 정밀도와 충전건전지가 내장되어 있다.

SPECIFICATIONS

시양 / 제품번호	CV111
Vibration level	Acceleration: 10 m/s ² ±3% Velocity: 10 mm/s ±3% Displacement: 10 μm ±3%
Vibration frequency	Frequency: 159.15 Hz Angular velocity: 1000 rad/s
Settling time	<10 s
Maximum weight	520 g
Vibration system	Dynamic force 10 N Maximum static force 25 N Maximum torque 3 Nm Nominal torque 1 Nm Maximum transversal force 30 Nm
Mounting of test accelerometer	Magnetic clamp M5 thread

시양 / 제품번호	CV111
Stud bolt adapters	M6, M8, UNF 10-32
Temperature range	3% Accuracy +10 to +40 °C 5% Accuracy -10 to +55 °C
Humidity range (at 30 °C)	< 90%
Power supply	Built-in accumulator
Running time with one battery charge	4 hours with m=100g 250 readings of 1 minute
Charging time for empty battery	2 hours 30 minutes → For charging at 50% 6 hours → For charging at 90%
Switch-off timer	10 minutes
Dimensions and weight	Dimensions: 170 × 105 × 65 mm Weight: 1.9 kg

MC-10

Mini Calibrator (진동교정기)



SPECIFICATIONS

시양 / 제품번호	MC-10
Range of Calibration	Normal type 0~19.99pC/m/s ² Pre-amp built-in type 0~19.99mV/m/s ²
Weight of Accelerometer to be calibrated	≤130g
Calibration Accuracy	±(3% + 2-digit) (23 ±5 °C)
Acceleration	4.9m/s ² (0.5g) ± 3% (23 ±5 °C)
Frequency of Shaker	159.2Hz ± 2%
Fitting of Accelerometer	M6 internal thread. 6.5mm depth
Operating Condition	0 ~ 50 °C, 0 ~ 85%RH
Stored Condition	-10 ~ 50 °C, 0 ~ 85%RH
Power Supply	4pcs of battery AA
Consumption Current	120mA max.
Life Time of Battery	Continuous use: 8hrs approx. Caibration: 1,500 times approx. Calibration time: 30sec approx. for accelerometer(40g) to be calibrated
Power for Pre-amplifier	Regulated power of 15VDC, 0.5mA constant current
Dimensions & Weight	120W × 50H × 140Dmm, 1Kg approx.(with battery)
Accessories	Cable, AA Battery 4-pcs, screw, case, operation manual

MC-10 제품설명

- 진동측정기 및 각종 가속도계의 이상유무 확인용 진동교정기