

ACO Vibration Meters

ACO Company Ltd., Japan

ACO Vibration Meters for Wide Applications!

More Useful ACO Vibration Meters are based on 25 years' experience.

ACO Vibration Meters, Type 3144 & Type 3144A, have high reliability with high accuracy, high sensibility sensor, light weight, digital type and easy operation.



Functions: Acceleration(RMS)/Velocity(RMS)/Displacement

Type 3144 Standard type (-10°C ~ + 60°C)

Type 3144A for High temperature (-10°C ~ +110°C)
(Option: -10°C ~ +150°C)

Applications: Machine tools, Steel Mills, Blowers, Pumps, Generators, Engines, Boilers, Turbines, Compressors, Bearings, Printing machines and others

Sensor Specifications:		
Type	ACO-3144	ACO-3144A
Body	Voltage input	Charge input
Sensor	Pickup with amplifier	Electric charge type pickup
Type	7812A	7351A
Sensitivity	3.0mV/m/s ² (30mV/G) ±10% at 100Hz	5.0pC/m/s ² (50pC/G) ±10% at 100Hz
Horizontal Sensitivity	less than 5%	less than 5%
Frequency Characteristic	1 Hz ~ 8 kHz	1 Hz ~ 8 kHz
Temp. Range	-10°C ~ + 60°C	-10°C ~ +110°C (flexible curl cable) -10°C ~ +150°C (Low noise cable, option)
Dimension	35mm dia, x 70mm	13.8 mm dia. x 25 mm
Weight	approx. 130 grams	approx. 32 grams