



Designed for in-the- field calibration of vibration measurement chains, this portable unit offers a stable and reliable vibration signal of 10 m/s². Due to the frequency of 159.2 Hz(1000 rad/s) this acceleration-level corresponds nicely to 10 mms velocity and 10µm displacement.

A built-in control loop with small reference transducer ensures the vibration level to be 10 m/s 2 within \pm 3% for different transducer loads up to a weight of 150 gram. The specially designed electromagnetic shakertable keeps the transverse motion and distortion to an absolute minimum.

Hand-held vibration calibrator Type AT01

Frequency (± 0.5%)	159.15 Hz
Acceleration (± 3%)	10 ms ⁻² RMS
Velocity (± 3%)	10 mms ⁻¹ RMS
Displacement (± 3%)	10 μm RMS
Transverse motion	< 5%
Distortion	< 3%
Maximum load	160 grams
Ramp-up time	5 seconds
Automatic switch off	after 60 seconds
Power supply	internal batteries, 2x 9 Volt
Battery life	120 calibration cycles
Dimensions	58 mm round, 180 mm long
Weight	950 grams with batteries
Mounting thread	M8-7H
Max. mounting torque	110 Ncm
Operating temperature	-10 to +50°C
0	

Standard accessories: AD0305 Threaded insert M8 to M5 AD0310 Threaded insert M8 to 10-32 UNF AD0303 Threaded insert M8 to M3 AH0806 Mounting stud M8 to M6 AH0805 Mounting stud M8 to M5 AH0810 Mounting stud M8 to 10-32 UNF AD01 Mounting stud M8 to 10-32 UNF AD01 Mounting base for wax mounting AS01 Soft bag PLC Carrying case Optional accessories:

Mounting wax





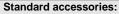


Designed for in-the- field calibration of low frequency accelerometers, this portable unit offers a stable and reliable vibration signal of 2.53 m/s 2 . Due to the frequency of 40 Hz(1000 rad/s) this acceleration-level corresponds nicely to 10 mms velocity and 40 μ m displacement.

A built-in control loop with small reference transducer ensures the vibration level to be 2.53 m/s 2 within \pm 3% for different transducer loads up to a weight of 200 gram. The specially designed electromagnetic shakertable keeps the transverse motion and distortion to an absolute minimum.

Hand-held vibration calibrator Type AT04

Frequency (± 1%)	40 Hz
Acceleration (± 3%)	2.53 ms ⁻² RMS
Velocity (± 3%)	10 mms ⁻¹ RMS
Displacement (± 3%)	40 μm RMS
Transverse motion	< 7%
Distortion	< 3%
Maximum load	200 grams
Ramp-up time	5 seconds
Automatic switch off	after 60 seconds
Power supply	Internal rechargeable battery
Battery life	90 calibration cycles
Dimensions	80 mm round, 190 mm long
Weight	1,500 grams with batteries
Mounting thread	M5-7H
Operating temperature	-10 to +50°C



AH0105 Mounting stud M5 AW01 Mounting wax

Mounting base

Power supply / charger

PLC Carrying case

