

Three-Axis Combined Values of Frequency-Weighted RMS Vibration Acceleration by EXEN Model (Appendix 1)

The values were measured using an instrument compliant with JIS B 7761-1 and in accordance with the measurement method

Measurement Position

1. For hose-type models, measured on the hose at a point 1 m from the vibrating head.
2. For handle-type vibrators, measured on the handle.

* Values marked with ※ are less than 2.5 m/s².

Internal High Frequency Vibrators	
Model	Three-Axis Combined Value
HBM30ZX	5.3
HBM30AX	6.0
HBM30ZX-R	4.8
HBM40ZX	※
HBM40AX	2.9
HBM40ZX-R	※
HBM40AXS	3.4
HBM40AXS-R	※
HBM40VF	※
HBM40VA	2.7
HBM40VR	※
HBM50ZX	3.2
HBM50AX	4.2
HBM50ZX-R	※
HBM50AXS	5.8
HBM50AXS-R	3.1
HBM50VF	3.3
HBM50VA	4.6
HBM50VR	※
CSV50	3.7
CSV50-R	3.1
HBM60ZX	5.1
HBM60ZX-R	※
HBM30ZXLH	3.2
HBM40ZXLH	※
HBM40VFLH	※
ADV40VA	2.7
ADV50VA	4.6
CSV50OB	3.9
ADV50SOB	3.9

Split-Type High Frequency Vibrators	
Model	Three-Axis Combined Value
ICV40VA	3.1
ICV40VF	3.8
ICV40VR	2.9
ICV50VA	4.4
ICV50VF	3.6
ICV50VR	3.4
ICV60ZX	3.8
ICV60ZXR	※
ICV40VFLH	※
ICV50VFLH	※

Dam Vibrators	
Model	Three-Axis Combined Value
HIB100A	3.2
HIB130A	※

HV Vibrator	
Model	Three-Axis Combined Value
HV28ZB	5.6
HV32ZB	5.0
HV38ZB	7.8
HV45ZB	8.8
HV60ZB	11.6

Cordless Vibrators	
Model	Three-Axis Combined Value
CV27D	3.1
CV27DL	※
CV27F-1.0	※
CVKCA	3.5
C25DS	※
C28D	※
C28DL	※
C28F-0.6	6.8
CKCA	4.9
CPS	4.8
C28DTK	※
C28FPB 0.6m	4.9
C28FPB 1.0m	4.9
CBKCB	4.0
CBPSB	5.4
CB28DLB	Less than 2.5
CB32DLB	3.0

Cordless High Frequency Vibrators	
Model	Three-Axis Combined Value
ECV40A	※
ECV40R	※
ECV50A	2.5
ECV50R	3.0
ECV40AM	※
ECV50AM	2.5
ECV40RM	※
ECV50RM	3.0
ECV40AMS	※
ECV50AMS	2.5

Handheld - Hard Shaft	
Model	Three-Axis Combined Value
E25DS	※
E23D	※
E28D	※
E28DA	※
E32D	※
E23DL	※
E28DL	※
E28DLA	※
E32DL	※
E38DL	※
E28DTK	※

Handheld - Flexible	
Model	Three-Axis Combined Value
E23F-0.4	5.3
E28FP-0.6	7.1
E32FP-0.6	7.1
E38FP-0.6	9.0
E28FPA-0.6	6.8
E32FPA-0.6	7.6
E38FPA-0.6	8.9
E28FPB-0.6	6.8
E32FPB-0.6	7.3
E38FPB-0.6	6.0

Handheld - DP/DPS/DH/ EKCA	
Model	Three-Axis Combined Value
E32DP	4.1
E32DPS	6.7
E32DH	2.6
EKCA	4.2
EKD	7.4
EKDA	4.6
EPS	※

Boiler Tube Cleaner	
Model	Three-Axis Combined Value
BCV2820-1.5	4.2
BCV2825-2.0	4.2
BCV2820CB	3.2
BCV2825CB	3.2