



VENTE DE MATÉRIEL VIBRATOIRE | PRESTATION D'ESSAIS | MAINTENANCE MULTI MARQUES

Notre gamme de pot vibrant :

20 à 1 000N

Des solutions adaptées aux essais de faible et moyenne sollicitation

De 20 N à 1 000 N, nos vibrateurs sont conçus pour répondre aux besoins d'essais sur petits composants, sous-ensembles et équipements de taille intermédiaire. Ils permettent de réaliser des essais de développement, caractérisation, qualification et validation, notamment dans les domaines de l'électronique et de l'instrumentation.

Compactes et polyvalentes, ces solutions s'adaptent aux différents niveaux de sollicitation et aux exigences de vos campagnes d'essais vibratoires.

Votre interlocuteur :

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Pot vibrant 20N

Specification

V3.8



VE-5102

Vibration Shaker (Low force)

Features

- Permanent Magnetic Field Structure
- Compact and light design, easy to move
- Built-in Power Amplifier, maximizing convenience in use
- High cross-axial stiffness
- Suitable for testing and stress screening on small components
- System MTBF >6,000 Hours
- Optional slip table and vibration isolator



Performances

Shaker Model	VE-5102
Sine Force (peak)	20N
Usable Frequency Range	5-10,000Hz
Max.Displacement (p-p)	5mm
Max.Velocity	1.5m/s
Max.Acceleration (bare table)	200m/s ²
Max.Payload	0.8kg
Armature Diameter	30mm
Effective Moving Elements Mass	0.1kg
Fundamental Resonance	13,000Hz (±5%)
Load Attachment Points *	5xM5
Dimension (WxDxH)	165×150×160mm
Weight	5kg
Cooling Mode	Natural Cooled
Shaker Model (with slip table)	VE-5102ST
Frequency Range	5-4,000Hz
Max.Displacement (p-p)	5mm
Max.Acceleration (bare table)	50m/s ²
Max.Load	1kg
Slip Table Dimension (L×H)	100×100×20mm
Slip Table Moving Weight	0.4kg
Dimension (WxDxH)	295×163×165mm
Weight	6.5kg

Power Amplifier Model	VSA-H40A
Max. Power Output	40VA
Max. Output Voltage	12Vrms
Max. Output Current	4Arms
Max. Input Voltage	1Vrms
Dimension (WxDxH)	Built-in
Weight	/

Working Environment	
Temperature	0-40℃
Humidity (RH, non-condensing)	10-90%
Power Supply Requirement	220V, 50Hz

System Composing and Accessories	
Shaker	1 set
Power Amplifier	1 set
Blower	/
Slip Table (100×100mm)	Optional
Head Expander	/
Connecting Cables	1 set
User Manual	1 set
Installation Tools	1 set
Vibration Controller	Optional
Sensors	Optional



Pot vibrant 100N

Specification

V3. 8

ECON

VE-5110

Vibration Shaker (Low force)

Features

- Compact and light design, easy to move
- Digital power amplifier with higher power transform efficiency
- High cross-axial stiffness
- Suitable for testing and stress screening on small components
- System MTBF >6,000 Hours
- Optional slip table and head expander is available
- Optional vibration isolator



Performances

Shaker Model	VE-5110
Sine Force (peak)	100N
Usable Frequency Range	2-7,000Hz
Max.Displacement (p-p)	13mm
Max.Velocity	1.5m/s
Max.Acceleration (bare table)	400m/s ²
Max.Payload	2kg
Armature Diameter	60mm
Effective Moving Elements Mass	0.25kg
Fundamental Resonance	6,000Hz (±5%)
Load Attachment Points *	5xM5
Dimension (WxDxH)	245×210×238mm
Weight	18kg
Cooling Mode	Air Cooled
Shaker Model (with slip table)	VE-5110ST
Frequency Range	5-3,000Hz
Max.Displacement (p-p)	10mm
Max.Acceleration (bare table)	50m/s ²
Max.Load	3kg
Slip Table Dimension (L×H)	150×150×20mm
Slip Table Moving Weight	1.6kg
Dimension (WxDxH)	420×270×273mm
Weight	40kg

Power Amplifier Model	VSA-H181A
Max. Power Output	180VA
Max. Output Voltage	12Vrms
Max. Output Current	15Arms
Max. Input Voltage	1.5Vrms
Dimension (WxDxH)	490×455×110mm
Weight	9.2kg

Working Environment

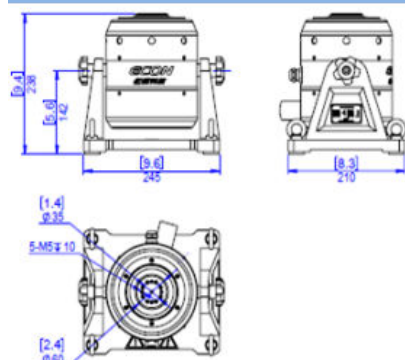
Temperature	0-40℃
Humidity (RH, non-condensing)	10-90%
Power Supply Requirement	220VA, 100-120V/200-240V, 50/60Hz

System Composing and Accessories

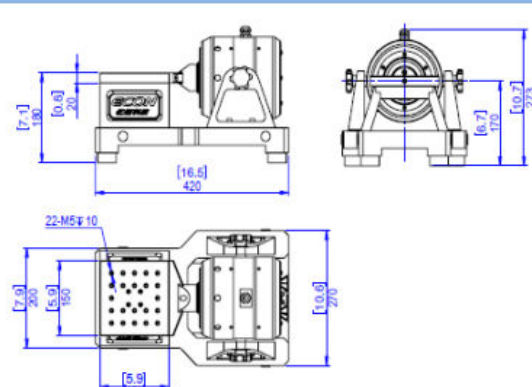
Shaker	1 set
Power Amplifier	1 set
Blower	1 set
Slip Table (150×150mm)	Optional
Head Expander (150×150mm)	Optional
Connecting Cables	1 set
User Manual	1 set
Installation Tools	1 set
Vibration Controller	Optional
Sensors	Optional

Outline Drawing

VE-5110



VE-5110ST



Pot vibrant 500N

Specification

V3.8

ECON

VE-5150

Vibration Shaker (Low force)

Features

- Compact and light design, easy to move
- Digital power amplifier with higher power transform efficiency
- High cross-axial stiffness
- Suitable for testing and stress screening on small components
- System MTBF >6,000 Hours
- Optional slip table and head expander is available
- Optional vibration isolator

Performances

Shaker Model	VE-5150
Sine Force (peak)	500N
Usable Frequency Range	5-5,000Hz
Max.Displacement (p-p)	10mm
Max.Velocity	1m/s
Max.Acceleration (bare table)	340m/s ²
Max.Payload	8kg
Armature Diameter	80mm
Effective Moving Elements Mass	1.5kg
Fundamental Resonance	4,000Hz (±5%)
Load Attachment Points *	5xM5
Dimension (WxDxH)	315×284×280mm
Weight	55kg
Cooling Mode	Air Cooled
Shaker Model (with slip table)	VE-5150ST
Frequency Range	5-2,500Hz
Max.Displacement (p-p)	10 mm
Max.Acceleration (bare table)	80m/s ²
Max.Load	12kg
Slip Table Dimension (L×H)	250×250×20mm
Slip Table Moving Weight	4.9kg
Dimension (WxDxH)	560×315×354mm
Weight	95kg



Power Amplifier Model	VSA-H102A
Max. Power Output	1,000VA
Max. Output Voltage	53Vrms
Max. Output Current	19Arms
Max. Input Voltage	2.5Vrms
Dimension (WxDxH)	505×455×110mm
Weight	10.5kg

Working Environment

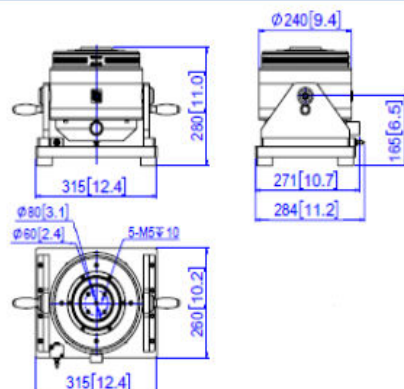
Temperature	0-40℃
Humidity (RH, non-condensing)	10-90%
Power Supply Requirement	1,200VA, 100-120V/200-240V, 50/60Hz

System Composing and Accessories

Shaker	1 set
Power Amplifier	1 set
Blower	1 set
Slip Table (250×250mm)	Optional
Head Expander (250×250mm)	Optional
Connecting Cables	1 set
User Manual	1 set
Installation Tools	1 set
Vibration Controller	Optional
Sensors	Optional

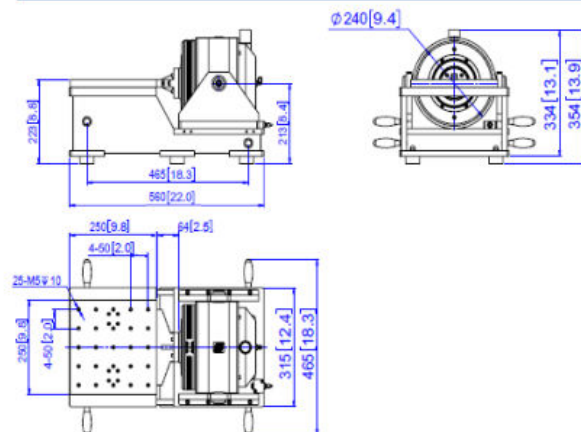
Outline Drawing

VE-5150



Specifications subject to change without prior notice

VE-5150ST



Pot vibrant 1 000N

Specification

V3.8

ECON

VE-51100

Vibration Shaker (Low force)

Features

- Compact and light design, easy to move
- Digital power amplifier with higher power transform efficiency
- High cross-axial stiffness
- Suitable for testing and stress screening on small components
- System MTBF >6,000 Hours
- Optional slip table and head expander is available
- Optional vibration isolator



Performances

Shaker Model	VE-51100
Sine Force (peak)	1,000N
Usable Frequency Range	5-6,500Hz
Max.Displacement (p-p)	25.4mm
Max.Velocity	1.5m/s
Max.Acceleration (bare table)	500m/s ²
Max.Payload	20kg
Armature Diameter	120mm
Effective Moving Elements Mass	2kg
Fundamental Resonance	5,000Hz (±5%)
Load Attachment Points *	6xM8
Dimension (WxDxH)	400×394×472mm
Weight	130kg
Cooling Mode	Air Cooled
Shaker Model (with slip table)	VE-51100ST
Frequency Range	5-2,000Hz
Max.Displacement (p-p)	20mm
Max.Acceleration (bare table)	120m/s ²
Max.Load	20kg
Slip Table Dimension (L×H)	300×300×25mm
Slip Table Moving Weight	6.4kg
Dimension (WxDxH)	795×550×460mm
Weight	200kg

Power Amplifier Model	VSA-H132A
Max. Power Output	1,300VA
Max. Output Voltage	65Vrms
Max. Output Current	20Arms
Max. Input Voltage	2.5Vrms
Dimension (WxDxH)	526×504×152mm
Weight	14.6kg

Working Environment

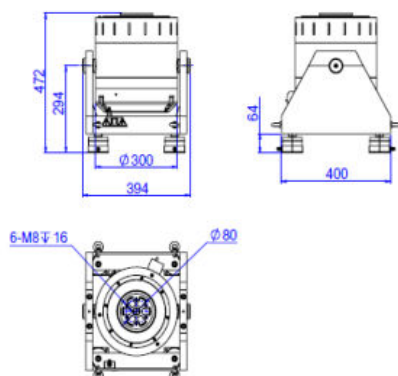
Temperature	0-40℃
Humidity (RH, non-condensing)	10-90%
Power Supply Requirement	1,200VA, 100-120V/200-240V, 50/60Hz

System Composing and Accessories

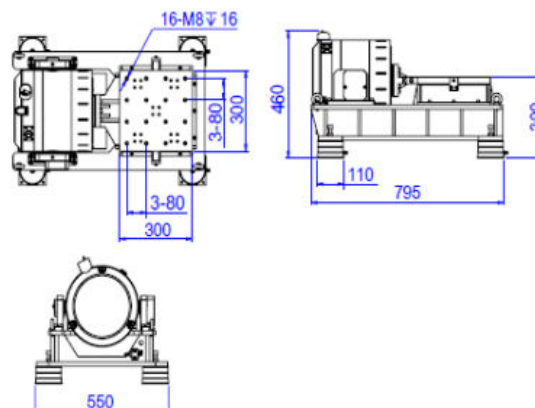
Shaker	1 set
Power Amplifier	1 set
Blower	1 set
Slip Table (250×250mm)	Optional
Head Expander (250×250mm)	Optional
Connecting Cables	1 set
User Manual	1 set
Installation Tools	1 set
Vibration Controller	Optional
Sensors	Optional

Outline Drawing

VE-51100



VE-51100ST





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MAINTENANCE MULTI MARQUES

OFFRE SUR MESURE
DÉPLACEMENT ET LIVRAISON DANS TOUTE LA FRANCE

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