

ENVIRONMENTAL SIMULATION SYSTEMS



ARON HURLEY

WORLD LEADER IN AIR-COOLED TECHNOLOGY

Feather Touch PWM Amplifiers & Intelligent DSP Controllers

application compatible vertical & horizontal attachments

Lo Range

150 Kgf to 800 Kgf

| | |
|-------------------|------------------|
| Armature Diameter | 140 mm to 180 mm |
| Acceleration | upto 100 'g' |
| Displacement | upto 25/38 mm |
| Payload | 30 Kg to 250 Kg |



Medium Range

1000 Kgf to 3500 Kgf

| | |
|-------------------|------------------|
| Armature Diameter | 240 mm to 360 mm |
| Acceleration | upto 100 'g' |
| Displacement | upto 51 mm |
| Payload | 250 Kg to 500 Kg |



Hi Range

4000 Kgf to 10000 Kgf

| | |
|-------------------|-------------------|
| Armature Diameter | 380 mm to 460 mm |
| Acceleration | upto 100 'g' |
| Displacement | upto 55 mm |
| Payload | 500 Kg to 1200 Kg |

Electro Dynamic Vibration Systems - advanced air-cooled technology

Satin Finish Stainless Steel Exterior & Eurotherm Instrumentation

temperature & humidity cycling, thermal shock, altitude



Stand Alone

A Unique Blend

These chambers are for a wide variety of prototype, durability and production screening tests, requiring change of temperature upto 15°C/minute.

- 500 mm to 2500 mm
- -70°C to +200°C
- 10% - 98% RH
- Upto 1m bar altitude
- Pluggable port holes



Vibration Integrated

Vertical & Horizontal

A very broad range of automotive & electronic components can be subjected to combined tests upto 15°C/minute rate of change integrated to electrodynamic vibrators.

- 600 mm to 1500 mm
- -70°C to +200°C
- 10% - 98% RH
- Thermal barrier protection
- Vibration/chamber movement
- Pluggable port holes



Walk-in type

Modular SS Panels

Simulates hot, cold, humidity and altitude environments for products that require very large capacity & size such as complete automobile, launch vehicles, aircraft engines, bikes, refrigerators, etc.

- Upto 10 meter depth
- -40°C to +180°C
- Load bearing floor
- Specimen sliding



Environmental Chambers - singular & cascaded air/water cooled

WITH US ... THE WORLD OF POSSIBILITIES.

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From a novice player in the field of Environmental Simulation Systems, Aron Hurley has developed into world leaders for Air-Cooled Electrodynamic Vibrators, exploiting the technology to new standards.

We are the first worldwide company to have designed and produced upto 10000 Kgf Air Cooled Vibration System. We are also first in providing feather touch user interface for Amplifiers.

Our collaborator Clive Hurley has an established reputation as an undisputed world leader in all kinds of specialized Environmental Chambers ranging from consumer electronics and automobile engineering to hi-tech applications in avionics, aerospace and aircraft industry.

With a firm resolve to strengthen and augment the engineering processes, we are working unremittingly towards better technology in the realm of environmental testing equipment.

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