



innWave

The Pitch & Roll Module simulates the pitch and roll movements on an existing vertical vibration table. Using the patented technology of our P&R Module, we are able to update an existent vertical vibration table, no matter the manufacturer, into an innovative vibration tester in 3 axes to measure: Vertical, Pitch and Roll.

Protective fences
to avoid accidents

Aluminium alloy
machined expander

High fidelity multi-axis
freedom motions

Image: PR1000

Ready to be installed
on an existing vertical
vibration table



For all industries



Easy and cheaper installation

The installation of the Pitch & Roll Module is cheaper than a complete Vertical Vibration + Pitch & Roll system.

More realistic simulations

The simulations are more closer to reality.

Custom design

Customized design to fit in your existence machine, no matter the manufacturer.

Independent controller

Completely independent module controller.



- The Pitch and Roll Module can be deactivated in order to perform Vertical Vibration tests

Vibration Tests supported

- EN 15552
- ASTM D4169
- ISTA procedures 1A, B, C, D, E,G, H; 2A, B, C; 3A, B, E, F, H, K; 4 series; 6-FEDEX; 6-SAMSCLUB, 6-AMAZON.COM
- MIL-STD-167
- MIL-STD-810

| Model | Max. Load Weight | | Table Size | | Stroke | | Related VV Model |
|--------|------------------|------|-------------|-------------|--------|-----|------------------|
| | kg | lbs | mm | in | mm | in | |
| PR500 | 500 | 1102 | 1250 x 1250 | 49.2 x 49.2 | 150 | 5.9 | VV1000 |
| | | | 1550 x 1550 | 61 x 61 | | | |
| | | | 1850 x 1850 | 72.8 x 72.8 | | | |
| PR750 | 750 | 1653 | 2500 x 1550 | 98.4 x 61 | 150 | 5.9 | VV1500 |
| PR1000 | 1000 | 2204 | 1550 x 1550 | 61 x 61 | 150 | 5.9 | VV1500 |
| | | | 1850 x 1850 | 72.8 x 72.8 | | | |
| | | | 1550 x 1550 | 61 x 61 | | | |
| PR1500 | 1500 | 3306 | 1850 x 1850 | 72.8 x 72.8 | 150 | 5.9 | VV2000 |
| | | | 2500 x 1550 | 98.4 x 61 | | | VV3000 |

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