

Optical Tables

VL-P Series Precision Damped Platform

"Sub-hertz Quiet Zone" — A Scientific Research-Grade Precision Damping Platform

- <4 Hz professional damping, maintaining micron-level flatness even under heavy loads
- Flat welding high magnetic conductivity tabletop, 800 kg/m², ready to use without leveling



One Platform Many Possibilities

Contact Us sales@venuslabtech.com

Get a Quote



Get Expert Advice
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www.venuslabtech.com

Overview

YHz Static Platform

The VL-P series comes standard with an integrally welded bracket and professional-grade precision damped vibration absorbers, featuring a natural frequency as low as below 4 Hz and a vibration isolation efficiency of 90% at 10 Hz. The high-permeability stainless steel tabletop, after precision grinding, has a flatness of 0.02-0.05 mm/m², shows no settlement under a load of 800 kg/m², and can be directly stacked with vacuum chambers, ultrafast amplifiers, or large spectrometers. The 25 mm standard M6 array holes are compatible with mainstream optical components, meeting the stringent requirements for a "vibration-free corridor" in applications such as femtosecond lasers, quantum optics, and nanoscale measurement.

Service & Support

We are dedicated to delivering exceptional optoelectronic solutions to every client. From precision manufacturing and secure delivery to full-lifecycle technical support, we are here to ensure a seamless and reliable experience at every step.

1. Warranty Policy

Quality First, Worry-Free Operation

Warranty Period: We offer a **two-year** warranty service for all of our core optoelectronic products, effective from the date of shipment.

Coverage: We provide free repair or replacement services for malfunctions caused by material defects or workmanship errors under normal operating conditions.

Rapid Response: Upon receiving a warranty claim, we guarantee to initiate the assessment process within **24 hours** to minimize your equipment downtime.

2. Technical Support

Expert Team, Full-Process Guidance

Technical Consultation: Our team of senior optical engineers provides **24/7 online support** to assist with installation, commissioning, optical path alignment, and parameter optimization.

Scheduled Maintenance: We offer full-lifecycle maintenance recommendations, including firmware upgrades, optical component cleaning guidelines, and precision calibration services.

Training Services: We provide customized remote or on-site operational and safety training to ensure your team can operate the equipment efficiently and safely.

3. Logistics & Delivery

Precision Packaging, Global Reach

Professional Packaging: Given the fragile nature of optical instruments, we utilize industrial-grade shockproof, anti-static, and moisture-proof vacuum packaging to ensure zero damage during transit.

Logistics Partners: We partner with top-tier global logistics providers (**DHL / FedEx / UPS / SF Express**) to offer reliable shipping with real-time tracking.

Shipping Insurance: All shipments are fully insured to eliminate logistics risks.

4. Compliance & Certification


Strict Standards, Total Compliance

Quality Certification: Our manufacturing process is **ISO 9001 certified**, and our products comply with international standards such as **CE** and **RoHS**.

Export Compliance: "Committed to environmental responsibility, all our products comply with **RoHS 2.0** and **REACH** standards, ensuring safety and global compliance."

Explore Series

Model	Cross-sectional area of the supporting leg (mm)	Thickness (mm)
VL-P0606	150 × 150	100
VL-P075075	150 × 150	100
VL-P0906	150 × 150	100
VL-P1007	150 × 150	100
VL-P1008	150 × 150	100
VL-P1208	150 × 150	100
VL-P1509	200 × 200	200
VL-P1510	200 × 200	200
VL-P1812	200 × 200	200
VL-P2010	200 × 200	200
VL-P2012	200 × 200	200
VL-P2412	200 × 200	200
VL-P3012	200 × 200	300
VL-P3015	200 × 200	300
VL-P3515	200 × 200	300
VL-P4015	200 × 200	300
VL-P4515	200 × 200	300
VL-P4815	200 × 200	300

 Get in touch with our team to explore configurations, request a quote, or learn more about customized solutions tailored to your needs.

Let us help you move science forward—faster and smarter.

[Get a Quote](#)



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