

Optical Tables

VL-E Series Economic Isolation Platform

"Push to Start Class" — A Lightweight Vibration Isolation Platform Specifically for Teaching Scenarios

- Push the caster, and the class starts immediately.
- Affordable vibration isolation, with sufficient performance.



One Platform Many Possibilities

Contact Us sales@venuslabtech.com

Get a Quote



Get Expert Advice
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Visit Us
www.venuslabtech.com

Overview

"Use immediately after separation" standard teaching equipment

The VL-E series features a unified height of 800 mm, a 50 mm ferromagnetic stainless steel tabletop, and national standard damping rubber pads as its core components, addressing the three key pain points of vibration isolation, mobility, and cost in one solution. The tabletop comes with a 25 mm M6 array, allowing direct adsorption of magnetic bases. Equipped with four/six-point welded brackets and adjustable casters, it can be pushed into classrooms for immediate use without the need for foundations or hoisting. Available in thicknesses of 50, 100, and 200 mm, it covers 13 different sizes ranging from 0.36 m² to 2.4 m², with a load-bearing capacity of 120–800 kg, a natural frequency of < 30 Hz, and an amplitude of <5 μm. From laser pointer alignment to pulsed laser pump-probe experiments, the E series, with "half the price and 80% of the performance," has become the preferred choice for upgrading old experimental benches in university basic laboratories, vocational training centers, and higher vocational colleges.

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-E06-06	80×80	50
VL-E75-75	80×80	50
VL-E09-06	80×80	50
VL-E10-08	80×80	50
VL-E12-06	80×80	50
VL-E12-08	20×120	50
VL-E12-09	120×120	50
VL-E15-09	120×120	100
VL-E15-10	120×120	100
VL-E16-09	120×120	100
VL-E18-12	200×200	100
VL-E20-10	200×200	200
VL-E20-12	200×200	200

 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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