

Metallurgical Microscope

VenusLab I-Met

Modular Inverted Metallographic Microscope

- Operation adaptation: 45° eyepiece for pressure relief, rotating stage adapts to multiple samples
- Function expansion: bright/dark field observation, rear interface compatible with low-illumination imaging



One Platform Many Possibilities

Contact Us sales@venuslabtech.com

Get a Quote



Get Expert Advice
+65 8099 5547



Visit Us
www.venuslabtech.com

Overview

Choice of Modular Inverted Metallographic Microscope

VenusLab I-Met is a modular inverted metallurgical microscope designed for scientific research and industrial inspection. With user-friendly design and flexible expandability at its core, it meets the high-precision requirements of multiple scenarios such as metallographic analysis and material observation.

Features of VenusLab I-Met

- 45° inclined eyepiece for comfortable operation
- Rotary plate stage, suitable for various samples
- Supports bright/dark field observation with flexible imaging
- Rear camera interface, compatible with low-illumination imaging
- Modular design with expandable functions

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	Magnification Range	Light Source Type	Optical Resolution
VL I-Met 220	50X-400X	6V/20W Halogen Lamp (Adjustable)	~1.2μm
VL I-Met 217A	50X-1000X	6V/20W Halogen Lamp (Oil Immersion Compatible)	~1.2μm (Standard) / ~0.35μm (Oil Immersion)

 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](#)



Get Expert Advice
+65 8099 5547



Visit Us
www.venuslabtech.com