

Metallurgical Microscope

VL-Met DIC-BD

Metallographic microscope dedicated to industrial material testing

- Functional integration: Bright-dark field + DIC dual modes, surface/microstructure observation, multi-inspection adaptation
- User-friendly operation: Ergonomic design + adjustable halogen light, clear, comfortable, efficient, less fatigue



One Platform Many Possibilities

Contact Us sales@venuslabtech.com

Get a Quote



Get Expert Advice
+65 8099 5547



Visit Us
www.venuslabtech.com

Overview

Multimode Industrial Metallographic Microscope

VL-Met DIC-BD is a professional metallographic microscope launched by Venuslab, focusing on the observation and structural analysis of the microstructure of materials such as metals and alloys. It is suitable for scenarios such as laboratory material research and industrial quality inspection. With integrated functions and user-friendly design, it facilitates accurate and efficient microscopic detection.

Features of VL-Met DIC-BD

- Combines bright-dark field + DIC dual observation modes, covering the detection of various materials
- Ergonomic design for comfortable operation and reduced fatigue
- Adjustable halogen light source, balancing observation clarity and flexibility
- 50X-500X magnification range, meeting the needs for fine observation of microstructures
- Venuslab brand quality, suitable for professional scientific research and industrial scenarios

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	External Dimensions	Moving Range
VL-Met20 BDDIC	242mm×200mm	30mm×30mm

 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