

# 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](mailto:sales@venuslabtech.com)

Get a Quote



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## 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	242mmx200mm	30mmx30mm

 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.

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