

# Metallurgical Microscope

## VenusLab U-Met DIC

Compatible with opaque/transparent samples

- DIC observation, with clearer details
- Dual light sources + large stage, suitable for various types of large samples



One Platform Many Possibilities

Contact Us [sales@venuslabtech.com](mailto:sales@venuslabtech.com)

Get a Quote



Get Expert Advice  
+65 8099 5547



Visit Us  
[www.venuslabtech.com](http://www.venuslabtech.com)

## Overview

### Professional DIC Metallographic Tool

VenusLab U-Met DIC is a large upright differential interference contrast metallographic microscope. It is capable of both reflection and transmission observation of opaque/transparent samples. With its differential interference system and dual light source configuration, it accurately presents the subtle morphology of material surfaces, making it an ideal device for professional analysis in fields such as metallurgy and mineralogy.

### Features of VenusLab U-Met DIC

- DIC system: No adjustment needed, reveals details clearly
- Dual light sources: Episcopic halogen + transmissive LED, suitable for multiple scenarios
- Large stage: 280x270mm, supports large samples
- 30° trinocular: Visual observation + full-light photography, comfortable to operate
- Polarization function: Polarizer with 360° rotation, suitable for multiple polarization states

## 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	Focusing Accuracy	Stage
VL U-Met DIC 302	Micromotion grid value 0.7μm	280mmx270mm, moving range 204mmx204mm

 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](http://www.venuslabtech.com)