

Metallurgical Microscope

VenusLab DIC-IIM

Professional industrial inspection microscopes equipped with DIC technology

- DIC High-Definition Imaging: Reveals fine textures, solves the problems of high reflection / low contrast observation
- Strong industrial adaptability: Dual modes + lifting stage, efficiently inspect workpieces of different thicknesses



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

Industrial-grade DIC High-Definition Inspection Microscope

VenusLab DIC-IIM is a differential interference contrast microscope specially designed for precision industrial quality inspection. Equipped with a professional DIC optical system, it can realize dual-mode observation of bright field and differential interference contrast, and can clearly present the subtle surface textures and structural defects of workpieces with high reflectivity and low contrast. Combined with a lifting device and a mechanical stage, it is suitable for efficient inspection of industrial samples of different thicknesses, and is widely used in quality inspection links in fields such as precision electronics and hardware parts.

Features of VenusLab DIC-IIM

- DIC high-definition imaging, solving the problem of observing high-reflection / low-contrast samples
- Brightfield / DIC dual-mode switching, adapting to various industrial inspection needs
- Lifting device + mechanical stage, efficiently positioning workpieces of different thicknesses

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	Eyepiece	Illumination	Stage	Focus Precision
VL DIC-100	Wide-field SWF10X (22mm FOV)	12V50W halogen lamp (adjustable; with filters + polarizers)	Mechanical (185x140mm; travel: 35mmx30mm)	1.3μm (coaxial focusing)

 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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