

# Metallurgical Microscope

## VL-IND Microscope

Industrial-grade inspection-specific stereomicroscope

- Observation adaptability: Bright/dark field support; lifting device fits various sample thicknesses
- Efficient operation: Trinocular tube (visual/photography); stage + stable focusing boosts inspection efficiency



One Platform Many Possibilities

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## Overview

### Industrial Stereo Microscope: Efficient Quality Inspection Solution

VL-IND Microscope is a stereomicroscope tailored for industrial inspection. It adopts an infinite optical system and modular design, supports both brightfield and darkfield observation modes, and is equipped with a quick lifting device to adapt to workpieces of different thicknesses. The combination of a trinocular observation tube and a mechanical stage enables both visual observation and microphotography, facilitating efficient and precise operations in industrial quality inspection processes.

### Features of VL-IND Microscope

- Bright/dark field dual modes, suitable for multi-sample surface inspection
- Trinocular viewing tube, freely switch between visual observation/photography for convenient recording and analysis
- Elevating adjustment device, compatible with workpieces of different thicknesses for more flexible inspection
- Mechanical stage + stable focusing, enabling efficient operation and precise positioning
- Large-field flat-field achromatic optical system, delivering clear imaging to meet the needs of fine observation

## 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	Model External Dimensions Moving Range
VL-IND100 BF	185mmX140mm	35mm horizontally, 30mm vertically
VL DIC-100	185mmX140mm	Horizontal: 35mm, Vertical: 30mm
VL-IND100 BD	185mmX140mm	35mm horizontally, 30mm vertically

 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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