

Stereo Microscope

VL Stereo Scope Series

Cost-effective universal stereoscope

- Stereoscopic vision + large working distance: clear stereoscopy, easy operation
- Lightweight and easy to operate: portable and space-saving, more worry-free adjustment



One Platform Many Possibilities

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Overview

A practical choice for multi-scenario observation

The VL Stereo Scope Series is a cost-effective general-purpose device designed for industrial inspection, teaching demonstrations, and small sample observation. With stereo imaging as its core advantage, combined with user-friendly design and stable performance, it can not only meet the needs of industrial scenarios such as electronic component welding inspection and precision part size rechecking, but also be suitable for multiple scenarios including biological anatomy teaching and surface observation of jewelry and jade. It provides users with a clear and intuitive observation experience and is an ideal observation tool that balances practicality and economy.

Features of VL Stereo Scope Series

- Solid optical configuration: Professional stereoscopic optical system with clear and stereoscopic imaging, ensuring observation accuracy.
- Adequate working distance: Sufficient space for handheld operation, ideal for welding & dissection.
- Lightweight structural design: Compact and lightweight body, suitable for both desktop fixing and mobile use.
- Simple operation logic: Reasonable layout of focusing and magnification adjustment, easy for beginners to get started.

Model Table

VTL/VTM/VTC Series Microscope Core Parameter Comparison Table

Series Name	Model Name	Eyepiece Configuration	Core Objective Lens Parameters	Total Magnification	Working Distance	Illumination Method
VTL-201	VTL-201	Wide-angle WF10X	Zoom (0.7~6.3X)	7X-63X	110mm	Upper 3W LED / Lower 5W LED
VTL Series-S1	VTL-S1A	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	-
VTL Series-S1	VTL-S1B	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	-
VTL Series-S1	VTL-S1C	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	-
VTL Series-S2	VTL-S2	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	Upper 12V10W halogen lamp (adjustable)
VTL Series-S2	VTL-S2A	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	Upper 12V10W halogen lamp (adjustable)
VTL Series-S3	VTL-S3	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTL Series-S3	VTL-S3A	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTL Series-S101,-S102	VTL-S101	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTL Series-S101,-S102	VTL-S102	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	Upper 12V10W halogen lamp (adjustable)
VTL Series-S103	VTL-S103A	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	-
VTL Series-S103	VTL-S103B	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	-
VTL Series-S103	VTL-S103C	WF10X (20mm)	Zoom 0.7X-4.5X	7X-45X	88mm	-
VTM Series-P1	VTM-P1A	-	Zoom 0.7X-4.5X (1X CCD adapter)	-	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTM Series-P1	VTM-P1B	-	Zoom 0.7X-4.5X (1X CCD adapter)	-	88mm	No light source
VTM Series-P1	VTM-P1C	-	Zoom 0.7X-4.5X (1X CCD adapter)	-	88mm	No light source
VTM Series-P2	VTM-P2A	-	Zoom 0.7X-4.5X (1X CCD adapter)	-	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTM Series-P2	VTM-P2B	-	Zoom 0.7X-4.5X (1X CCD adapter)	-	88mm	No light source
VTM Series-P2	VTM-P2C	-	Zoom 0.7X-4.5X (1X CCD adapter)	-	88mm	No light source
VTC Series-C2	VTC-C2A	WF10X (20mm)	1X, 3X	10X, 30X	88mm	Upper 12V10W halogen lamp (adjustable)
VTC Series-C2	VTC-C2AI	WF10X (20mm)	1X, 3X	10X, 30X	88mm	Upper 12V10W halogen lamp (adjustable)
VTC Series-C2	VTC-C2B	WF10X (20mm)	2X, 4X	20X, 40X	88mm	Upper 12V10W halogen lamp (adjustable)
VTC Series-C2	VTC-C2BI	WF10X (20mm)	2X, 4X	20X, 40X	88mm	Upper 12V10W halogen lamp (adjustable)
VTC Series-C3	VTC-C3A	WF10X (20mm)	1X, 3X	10X, 30X	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTC Series-C3	VTC-C3AI	WF10X (20mm)	1X, 3X	10X, 30X	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTC Series-C3	VTC-C3B	WF10X (20mm)	2X, 4X	20X, 40X	88mm	Upper/Lower 12V10W halogen lamp (adjustable)
VTC Series-C3	VTC-C3BI	WF10X (20mm)	2X, 4X	20X, 40X	88mm	Upper/Lower 12V10W halogen lamp (adjustable)

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	Zoom range / Base Dimensions	Working distance
VTL-201	0.7~6.3X (zoom ratio 1:9)	110mm
VTL Series-S1	240X180X25mm/300X240X25mm/240X180X25(mm)with movable stage, movement range:42X42(mm)	88mm
VTL Series-S2	215X160X60mm	88mm
VTL Series-S3	215X160X60mm	88mm
VTL Series-S101,S102	260X290X55mm/300X240X25mm	88mm
VTL Series-S103	240X180X25(mm)/300X240X25mm/240X180X25(mm)with movable stage, movement range:42X42(mm)	88mm

 Get in touch with our team to explore configurations,request a quote,or learn more about customized solutions tailored to your needs.

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