

DX51 Metallurgical Microscope

Designed for routine applications and training purposes in industry and science.



The DX51 is the ideal instrument to meet the exacting demands in industry and education microscopy. Its unique design offers high stability, excellent optical performance and reliability.

- Compact stable design
- Infinity optical system
- Image recording facilities
- Ease of use

The DX51 is perfectly suited to quality control, materials inspection and sample preparation, offering high performance with reliability.

Features and Benefits

- Optics offer superb contrast and excellent resolution.
- Bright field and polarized light illumination techniques.

Ergonomics

- Conveniently situated focusing and stage controls promote fatigue free operation.
- Low positioned illumination controls for ease and efficiency.
- Operator adjustable coarse focus.

Illumination

- Köhler illumination, with continuously adjustable 20W Halogen lamp, offers optimum illumination for observation and documentation techniques.

Versatility

- Versatility combined with an exceptional design and stability.
- Efficiency packed into a compact size.
- Powerful performance and easy operation.



DX51, compact and powerful.



The pre-focus prevents objectives colliding with the specimen.

Microscope body

Focus	Coaxial bilateral coarse and fine adjustment with adjustable limit stop Torque adjustment for coarse focus control
Illuminator	Built in Köhler illumination for epi illuminator (brightfield) 6 volt 20W Halogen bulb (pre-centred) Built in variable transformer
Nosepiece	Quadruple nosepiece
Optical system	Infinity optical system

Observation tube

Interpupillary adjustment	55 to 75mm
Inclination	30° Compensation free binocular head

Mechanical Stage

Stage dimensions	150 x 140mm
Controls	Low positioned coaxial controls
X & Y movement	75 x 50mm

Objectives

Infinity plan achromat x4/N.A. 0.1 (brightfield)
Infinity plan achromat x10/N.A. 0.25 (brightfield)
Infinity plan achromat x40/N.A. 0.60 (brightfield)

Eyepieces

Widefield high eyepoint x10/F.N 18



Vision Engineering manufactures a comprehensive range of ergonomic stand-alone mono and stereo microscopes as well as a complete line of non-contact measuring systems.

For more information...

Vision Engineering has a network of offices and technical distributors around the world. Please contact your Vision Engineering branch, local authorised distributor, or visit our website.

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