

V-SMART Presents to you a complete range of Metallurgical Microscopes, in Inverted as well as Upright configurations. We understand the importance of Quality control in the Industrial Sector, specially in today's largely globalized marketplace, where the concept of ancillarization is a must for arriving at economies of scale. This requires homogeneity in standards at all ends. The Microscope stands out as one of the most basic and prime instruments in this environment. Be it for Grain Size analysis, Case depth measurement, Inclusion rating or Nodular Counting, we provide a comprehensive solution for your Quality Control requirements.

All our Microscopes are loaded for high performance with features such as - Anti-Reflection Coatings, Anti-Fungal Protection, Imported Optical Glass, Fully Parfocalized & Precentered Objectives, to name a few.

Metal Mag - 2 B

MICROSCOPE STAND:

Sturdy, well contoured & practical Inverted design.

VIEWING HEAD:

Trinocular Observation head, with interpupillary & dioptic adjustments, and provisions for adapting Microphotography & Projection System.

FOCUSING MODULE:

COAXIAL focusing system, with slides traveling on ball bearing guide ways, for frictionless motion.

STAGE:

Large size mechanical stage with low drive co-axial movement controls, for convenient specimen scanning.

OBJECTIVES:

Specially corrected flatfield, glare free & high contrast German DIN Standard Objectives- M10x, M20x, M40x & M80x

EYEPIECES:

Compensating High Eyepoint Widefield Eyepieces - HKW 10x, WF 15X (paired)

MAGNIFICATION:

100X - 1200X

ILLUMINATION:

800 lumen halogen lamp, 6volts- 20watts, powered through a built-in base solid state transformer with electronically variable intensity control.



Metal Mag - 2 A

MICROSCOPE STAND:

Rigid & Stable stand with well contoured modular base, having an upright configuration.

VIEWING HEAD:

Trinocular Observation head, with interpupillary & dioptic adjustments, and provisions for adapting Microphotography & Projection System.

FOCUSING MODULE:

COAXIAL focusing system, with slides traveling on ball bearing guide ways, for frictionless motion.

STAGE:

Compact size mechanical stage, for convenient specimen scanning.

OBJECTIVES:

Specially corrected flatfield, glare free & high contrast German DIN Standard Objectives- M10x, M20x, M40x & M60x

EYEPIECES:

Compensating High Eyepoint Widefield Eyepieces - HKW 10x, WF 15X (paired)

MAGNIFICATION:

100X - 900X

ILLUMINATION:

800 lumen halogen lamp, 6volts- 20watts, powered through a built-in base solid state transformer with electronically variable intensity control.



Metal Mag - 1

MICROSCOPE STAND:

Rigid & Stable stand with well contoured modular base, having an upright configuration.

VIEWING HEAD:

Binocular Observation head, with interpupillary & dioptic adjustments.

FOCUSING MODULE:

Separate coarse & fine focusing controls, with fine focus travel on ball slides for backlash free sensitivity.

STAGE:

Compact size mechanical stage, for convenient specimen scanning.

OBJECTIVES:

Specially corrected flatfield, glare free & high contrast Objectives - M10x, M20x & , M40x

EYEPIECES:

Compensating High Eyepoint Widefield Eyepieces - HKW 10x, WF 15X (paired)

MAGNIFICATION:

100X - 600X

ILLUMINATION:

800 lumen halogen lamp, 6volts- 20watts, powered through a built-in base solid state transformer with electronically variable intensity control.



ACCESSORIES AVAILABLE FOR THE ABOVE MICROSCOPES:

- MEASURING AND COMPARISON GRATICULE EYEPIECES
- MICROPHOTOGRAPHY EQUIPMENT
- VIDEO PROJECTION SYSTEM
- IMAGE ANALYSIS SYSTEM

ALSO AVAILABLE LABOVISION SINGLE DISC AND DOUBLE DISC SPECIMEN POLISHING MACHINES

Due to our continuous efforts for improvements in the products, the equipment supplied may be advanced in features, than the description and/or illustrations shown in the literature.

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