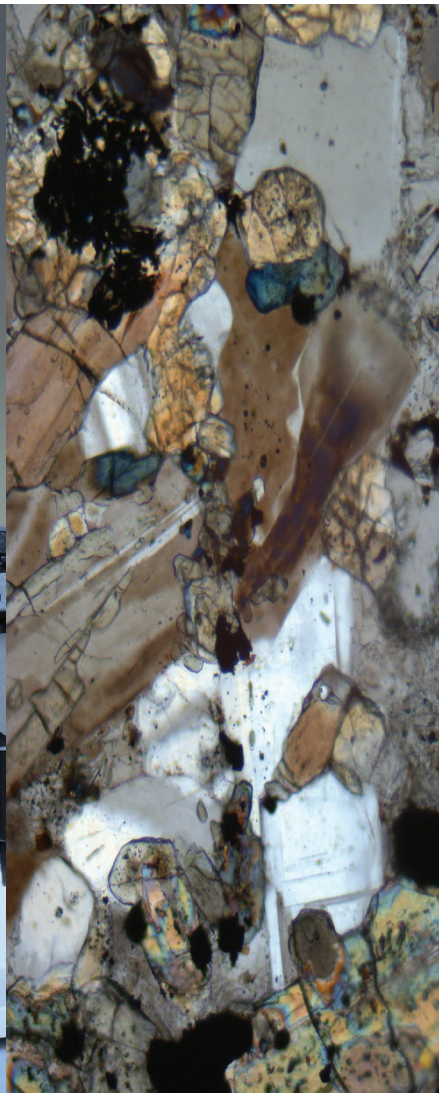
MET 400

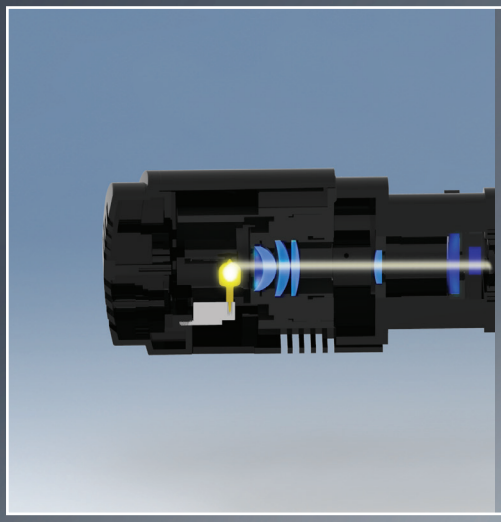
METALLURGICAL MICROSCOPE





LABOMED®
ideas for vision

STREAMLINING METALLOGRAPHIC IMAGING



1 An ultra-bright 6 V 30 W light source with a neutral color index reproduces images faithfully across a broad range of materials, particularly in color-sensitive applications such as photomicrography.



2 The ML series objectives are the product of a meticulously designed optical system with long working distances. Tight control of chromatic aberration lets the MET 400 deliver pristine images across the visible spectrum. A dry 100x objective is optional.



3 A slide-in polarizing kit with built-in polarizer and analyzer fits neatly beneath the nosepiece for convenience. The kit includes a polarizer that rotates through 360° for light extinction.

DELIVERING RELIABLE INSIGHTS TO YOUR DAILY ROUTINE

The LABOMED® MET 400 is a compact, highly durable benchtop metallurgical microscope built for daily work: the ideal choice for routine inspection of heat-treated and stress-tested metals, glass, plastics and chemicals.

LABOMED's proprietary MaxLite™ optical coatings are highly anti-reflective and scratch-resistant, giving a wide dynamic range of contrast and durability in demanding environments. A well-designed illumination system lights specimens brightly and evenly.

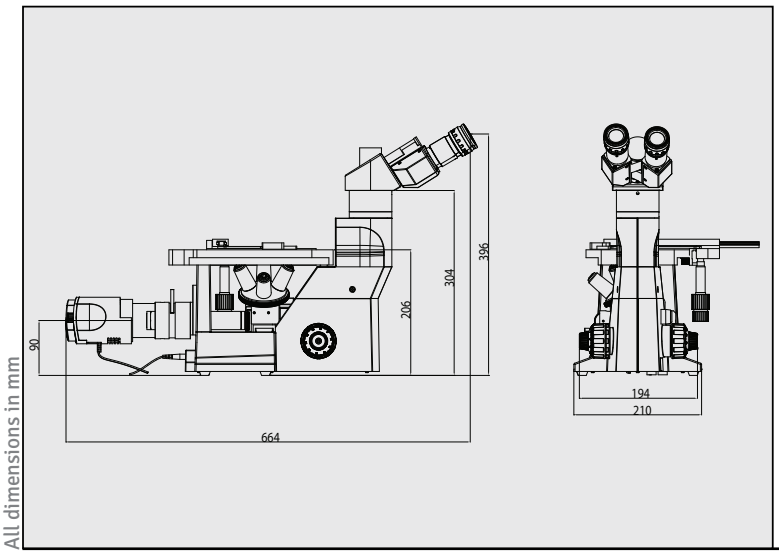
Options such as a dry 100x objective, a polarizing kit and digital imaging solutions extend the microscope's reach. Antimicrobial paint on all contact surfaces inhibits bacterial growth in any environment.



MET 400

Stand	Ergonomic, sturdy stand of rust-resistant material
Viewing head	Siedentopf binocular or trinocular head, 30° inclined, fixed; IPD 52–75 mm
Eyepieces	Focusable wide-field 10x/22 mm eyepieces with foldable eyecups, anti-fungal
Nosepiece	Reverse-angle quadruple nosepiece with click stops and rubber grip
Objectives	ML series infinity-corrected DIN plan achromatic objectives 5x, 10x, 20x and 50x; anti-fungal, MaxLite™ coated; optional dry 100x objective
Focusing	Coaxial coarse and fine focusing with tension adjustment; fine focus graduation 2 µm per division
Illumination	Köhler episcopic illumination with diffuser; 6 V 30 W halogen with intensity control; 100–240 V universal power supply
Stage	Fixed stage; optional mechanical stage with specimen holders in 3 sizes (38 mm, 55 mm, 65 mm)
Options	Dry 100x objective; mechanical stage; adapters for video and digital cameras

SPECIFICATIONS



All dimensions in mm

DESCRIPTION	CONFIGURATION	CATALOG NO.
MET 400	Binocular	7129000
MET 400	Trinocular	7129100

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