

Ceti Tritex Trinocular Microscope (3100.9000M)

Product Code: 3100.9000M

Brand: Ceti

The Ceti Tritex Trinocular Microscope (3100.9000M) is fully equipped to allow for the evaluation of samples in materials science. This industrial microscope comes with both transmitted and reflected light sources and has in addition darkfield objectives, which allow for the examination of highly reflective samples. It also has 100W Halogen illumination for both the transmitted and reflected light sources. DIC (Differential Integrated Contrast) dedicated variant for the 20x and 100x objectives (further details available on request).



Specifications

Optical Head	Trinocular, inclined at 30°
	Interpupillary Distance Adjustment (Siedentopf Type): 48 to 75mm
	Vertical photo/video port with beam-splitting prism on sliding mount
	Vertical height adjustment two positions 20mm
Eyepieces	10x/22mm wide-field (pair)
Nosepiece	Quintuple reversed and revolving with click stop
Objectives	40x, 100x Infinity Corrected 5x, 10x, 20x, 50x, 100x Plan Achromatic (BF/DF) 20x, 100x DIC
Condenser	Swing-out condensed lens - NA 0.90/NA 1.25
	Koehler illumination centrable and focusable (external housing) with integrated field diaphragm and concentrating lens
	Iris diaphragm
	Swing out filter holder
Stage	Size 185 x 140mm with built-in mechanical stage and slice clip
	75mm transversal movement
	55mm longitudinal movement
	Nonius reading up to 0.1mm
	Maximum sample height 30mm
Focusing	Coaxial coarse and fine
	Pre-focusing mechanism (on left knob)
	Tension adjustment ring (on right knob)
Illumination	Variable
	Incident light bulb Halogen 12V/100W/G6 Koehler illumination and aspherical condenser
	Transmitted light 12V/100W/G6 Koehler illumination swing out condenser NA 0.9/0.25
	Filter: blue (diameter 38mm). Other colours available on application.
Main Power	220 - 240V/50 - 60Hz (Euro connector)
	Converter: built-in low voltage (12V - electric) with light intensity control
Packing	Supplied With: 1 spare bulb, blue filter, 2 spare fuses, immersion oil (10ml), dust cover, and instruction manual

Unit 3, Tower Business Park
Warpsgrove Lane
Chalgrove
Oxfordshire
OX44 7XZ

Tel: (+44) 01865 400321

Email: enquiries@medlinescientific.com

Website: www.medlinescientific.com