

•• **PURPOSE:**

Quick and Surface Inspection, Quality Control, Laser Repairs, and Device Research

•• **OBSERVATION TUBE:**

Widefield trinocular tube
Siedentopf infinity, 55 - 70mm Interpupillary distance
50:50 and 0:100 optical observation ratio

•• **EYEPIECE:**

Widefield Highpoint, Infinity Corrected
10x / 24mm, accepts Ø25mm reticules

•• **TURRET:**

3-lens changeover turret
1x IR tube lens, 1x UV tube lens, 2x Visible magnifier

•• **LASER WORK:**

Pull out beam splitter, Laser Safety Pin, Shims
3-lens Changeover Turret

•• **WAVELENGTHS COVERAGE:**

355nm [UV] to 532nm [Green] to 1064nm [IR]
Designed around the New Wave Research line of lasers

•• **NOSEPIECE:**

Quadruple, outward-facing, spring-loaded
Dovetail mounted for easy removal
Adjustable parcentration

•• **OBJECTIVES:**

Extra and Ultra Long Working Distance Plan
Apochromat objectives
Range of magnifications from 2x to 100x
Adjustable parfocality available

•• **MICROSCOPE MAGNIFICATION RANGE:**

20x - 2000x

•• **APERTURE DIAPHRAGM:**

Adjustable field of depth and contrast

•• **FOCUSING BLOCK:**

50mm Stroke
Coaxial operation system
Coarse 4mm per rotation, fine 0.1mm per rotation
1 µm resolution
45 lbs. Mountable weight

•• **ILLUMINATION:**

Reflective illumination for bright field

•• **OPTIONAL CONTRAST:**

Polarisation
Spectrum range: 400nm - 700nm
Adjustable Polariser available

•• **FIBER OPTIC ILLUMINATION [optional]:**

Switchable power input [115V - 220V]
150W / 21V output
120,000LX
Colour Temperature Range: 2500°K - 3700°K
Flexible light guide with Ø15mm distal end

•• **DIMENSIONS:**

Weight - 16lbs [head only]
372mm (h) x 218mm (w) x 333mm (d)
- with focusing block

