

•• **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
- 1µm 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

