

Item Name : Inverted Tissue Culture Microscope

Item Code : GW - 2002

Item Description :

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| Model | GW-2002 |
| Observation Head | The Binocular or Trinocular observation head assembled from A.R. Coated pns m s is 45°/30° inclined with eye-point position 320mm |
| Viewing Body | Sidertop Trinocular head inclined at 30°, interpupillary distance adjustable between 55-75 mm, Diopter adjustment ring on ocular |
| Main Body | A) Co-axial coarse & fine focusing with rubber teats for better grip. B) Quadruple nosepiece. C) Prefocusing lever & tension adjustment ring are on focusing mechanism. D) Hard coated fixed mechanical stage. |
| Base | Large & Sturdy base provides stability to the Microscope with built in solid-state transformer for illuminator. |
| Mechanical Stage | Square plain stage of size 180x150 mm approx. with two extension plates for large bottles and micro-filter work are provided. Two stage |
| Eye piece | Eye piece PWF 10x (paired) FOV 20mm. Centering Telescope 5x. |
| Objectives | LWD Plan Achromatic 4x/0.1 W.D. 18mm LWD Plan Achromatic 10x/0.25 W.D. 7.9mm LWD Plan Achromatic 40x/0.6 W.D. 3mm LWD Plan Phase PH10x, PH20x, PH40x along with Phase Annular discs & centering Telescope. |
| Focusing | Two large focus control knobs low down at a convenient position assure accurate focusing. The backlash free Rack & Pinion mechanism |
| Illumination | 6V, 20W halogen lamp with spherical collector lens, continuous regulation of the illumination, field diaphragm, pull out filter socket. |
| Standard Accessories | Set for insert plate, Arm supporting Plate, Electric Cable, Fuse, Vinyl Dust Cover, Operating manual, Controls for stage movement. |
| Optional Accessories | Micro-photographic Camera, Digital Camera/CCD Camera to microphotograph the microscope specimen & project them on TV or on |
| Packing | Nicely packed in Box. |
| | <p>Polarizer slider for reflected illumination tube .360 Rotatable with scale interval of 5</p> <p>Wedge shaped, Measurement range 0 – 4?</p> <p>Minimum 5 M Pixel Colored CCD Camera to be mounted on Trinocular tube with a suitable mounting adapter</p> <p>CCD Sensor Size : 2/3 inch</p> <p>Resolution: 1920x 1080 pixels</p> <p>Pixel Size : 3.45 X 3.45 μm A/D Converter: 12 bit</p> <p>Minimum exposure time: 1ms or smaller Live Frame rate: 15 frames per second</p> <p>fast communication with PC via USB Port</p> <p>Standard Imaging software with Image Acquisitions, Measurements, and Point or object detection. Having facility to align multiple</p> |

The **Inverted Tissue Culture Microscope (Model GW-2002)** from Glacier India is engineered for advanced standard upright microscopes, this inverted design allows effortless observation of living cells in flasks and **distance objectives**, ergonomic focusing controls, and optional digital imaging integration, it delivers best India's 40+ years of expertise as a **trusted OEM manufacturer and supplier of scientific instruments** reproducibility, and long-term performance.



Item Image :

Model

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