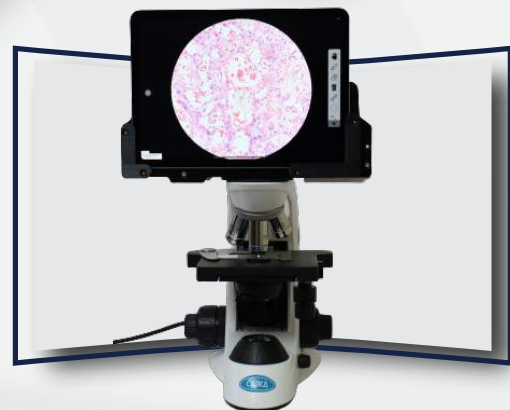


TF-100

Binocular/Trinocular Microscope

Upgradable To Digital System For Tablet/Smartphone Compatibility



FEATURES

- Upright bright field, analogue benchtop microscope upgradeable to digital microscope with smartphone attachment at trinocular port or with digital head for tablet viewing.
- Binocular or Trinocular head available
- Binocular head upgradeable with interchangeable digital head making it compatible with Apple ipads.
- Trinocular head can be modified for digital viewing with smartphone attachment mounted on trinocular port, allowing simultaneous viewing through binocular eyepieces and on smartphone display.
- Digital upgrade with TrueView technology for capture of 100% circular field of view through the smartphone/tablet camera. Captured FoV: 5 mm with 4x objective, 2 mm with 10x objective, 0.5 mm with 40x objective and 0.2 mm with 100x objective
- Viewing Head: Siedentop binocular/trinocular head, inclined 30°, Rotatable 360°, interpupillary Distance: 48-75mm, Diopter Adjustable.
- Eyepiece: WF10x/20mm, High Eyepoint
- Nosepiece: Quadruple, Backward, High Precision Inner Position Stop Click
- Four **high contrast infinity corrected plan achromate objective lenses** – 4X/0.10 W.D.=12.1mm, 10X/0.25 W.D.=4.64mm, 40X/0.65 W.D.=0.65mm, 100X/1.25(Oil) W.D.=0.12mm
- Focusing: Low Position Coaxial Coarse & Fine Focusing System, Coarse Focusing Travel Range: 25mm, Fine Focusing Travel Range: 2µm / division
- Safety Rackless Mechanical Working Stage, Size 135X140mm
- Condenser: Abbe N.A.1.25 With iris Diaphragm, With Filter Holder, Helicoid mechanism based upward and downward motion
- 3W LED Light With Aspheric Collector
- Equipped with knob for proper winding of wire during storage
- Warranty: 1 year
- Optional: Upto 10 hours battery backup, Provision to charge smart device



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MedPrime Technologies Pvt. Ltd.

2nd Floor, Plot no. A-246, Road no. 30-B,
Wagle Estate, Thane, Maharashtra 400604

TF-100 Digital

Trinocular digital microscope with universal mobile viewing attachment



- Upright bright field digital benchtop microscope with smartphone attachment at trinocular port making it compatible with any smartphone with high quality optics.
- Allows simultaneous viewing through binocular eyepieces and on smartphone display.
TrueView technology for capture of 100% circular field of view through the smartphone/tablet camera. Captured FoV: 5 mm with 4x objective, 2 mm with 10x objective, 0.5 mm with 40x objective and 0.2 mm with 100x objective
- Viewing Head: Siedentop trinocular head, inclined 30°, Rotatable 360°, interpupillary Distance: 48-75mm, Diopter Adjustable
- Eyepiece: WF10x/20mm, High Eyepoint
- Nosepiece: Quadruple, Backward, High Precision Inner Position Stop Click
- Four **high contrast infinity corrected plan achromate objective lenses** – 4X/0.10 W.D.=12.1mm, 10X/0.25 W.D.=4.64mm, 40X/0.65 W.D.=0.65mm, 100X/1.25(Oil) W.D.=0.12mm
- Focusing: Low Position Coaxial Coarse & Fine Focusing System, Coarse Focusing Travel Range: 25mm, Fine Focusing Travel Range: 2µm / division
- Safety Rackless Mechanical Working Stage, Size 135X140mm
- Condenser: Abbe N.A.1.25, With iris Diaphragm, With Filter Holder, Helicoid mechanism based upward and downward motion
- 3W LED Light With Aspheric Collector
- Equipped with knob for proper winding of wire during storage
 - Application with following features:
 - Data management
 - Image capturing
 - Video recording
 - Exposure, brightness, saturation, temperature and contrast control
 - Micrometry – linear and circular measurements in microns
 - Free hand marking and pointer for demonstration
 - Profile creation for separate users
- Warranty: 1 year
- Optional:
 - Wireless HDMI dongle for lag-free real time casting to projector or LCD screen (accessory)
 - Upto 10 hours battery backup
 - Provision to charge smart device



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CILIKA[®]

Cilika TF200

(Trinocular microscope upgradable with digital head for tablet compatibility for research purpose)



A Product By **medprime[®]** Technologies Pvt. Ltd.

FEATURES

- Upright bright field, analogue benchtop microscope upgradeable to digital microscope using interchangeable digital head in place of trinocular (not attachment) making it compatible with any smartphone or tablet with high quality optics.
- Siedentop binocular head: inclined 30°, Rotatable 360°, Interpupillary Distance: 48-75mm, Diopter Adjustable
- Eyepiece: WF10x/22mm, High Eyepoint.
- Nosepiece: Quintuple, Backward, High Precision Inner Position Stop Click.
- Objectives: Four premium high contrast infinity corrected plan achromate objective lenses – 4X/0.10, 10X/0.25, 40X/0.65, 100X/1.25 (Oil).
- Focusing: Low Position Coaxial Coarse & Fine Focusing System, Coarse focusing travel Range: 25mm, Fine focusing Travel Range: 2µm / division Large Size Double Layer Mechanical Stage 216x150mm, Moving Range 75mmx55mm.
- Condenser: Abbe N.A.1.25, With iris Diaphragm, Centre adjustable, With Filter Holder.
- Light source: Kohler Illumination, 3W/LED, Brightness Adjustable.
- Warranty: 2 year.
- Optional: Upto 10 hours battery backup, 5/12V power supply.



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