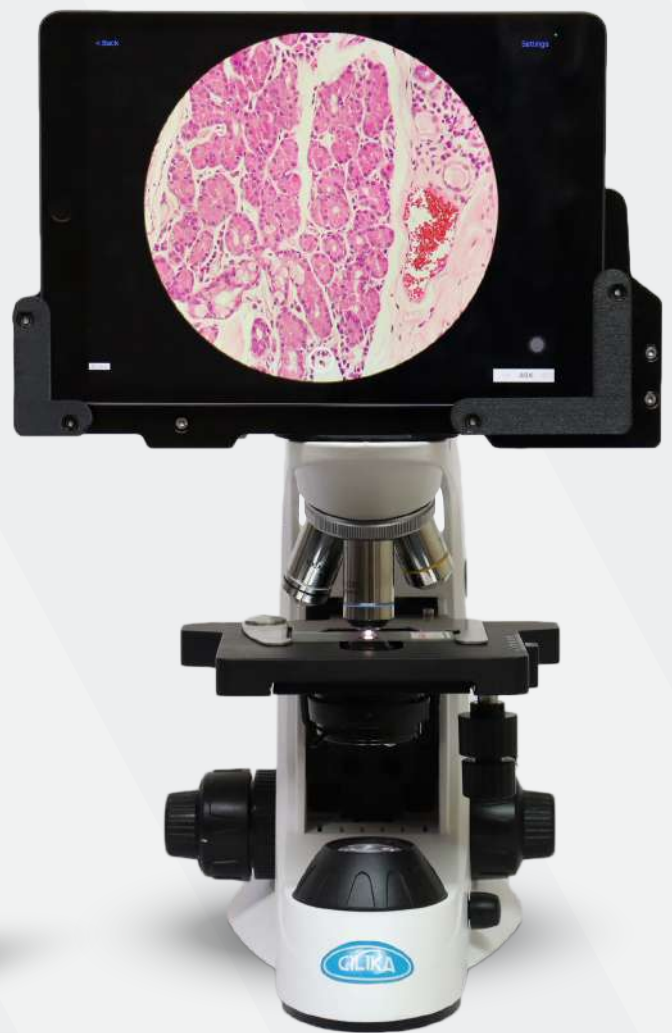


## Cilika BT-E (2021)

Digital benchtop microscope with inbuilt integrated tablet display



## FEATURES

- Upright bright field, digital benchtop microscope with inbuilt integrated tablet display (no eyepiece/ optional binocular head can be used), application and research grade optics
- Patented detachable digital head with Internal magnification 10X
- **TrueView technology for capture of 100% circular field of view through the tablet camera;** Captured field of view: diameter 5 mm with 4x objective, 2 mm with 10x objective, 0.5 mm with 40x objective and 0.2 mm with 100x objective
- 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
- **Display options:**
  - Tablet (iOS) with maximum camera resolution of 3264x2448 pixels and 10.2” display with 1620x2160 pixels resolution; 2GB RAM, 64 GB ROM (Full HD video capture at 1920x1080 pixels)
  - iOS display with Maximum camera resolution of pixel 3024 x 4032 and 10.9” display with 2360x1640-pixels resolution; 64 GB ROM (Ultra HD video capture at 3840 x 2160 pixels)
- Pre-installed application with following features:
  - Report printing with images
  - Local syncing of images at desktop
  - Data management
  - Image capturing
  - Video recording
  - Exposure, brightness, saturation, temperature and contrast control
  - Micrometry – linear and circular measurements in microns
  - Annotations and text addition
  - Free hand marking and pointer for demonstration
- Optional: Binocular/trinocular head, Wireless HDMI dongle for lag-free real time casting to projector or LCD screen.

**MedPrime Technologies Pvt. Ltd.**

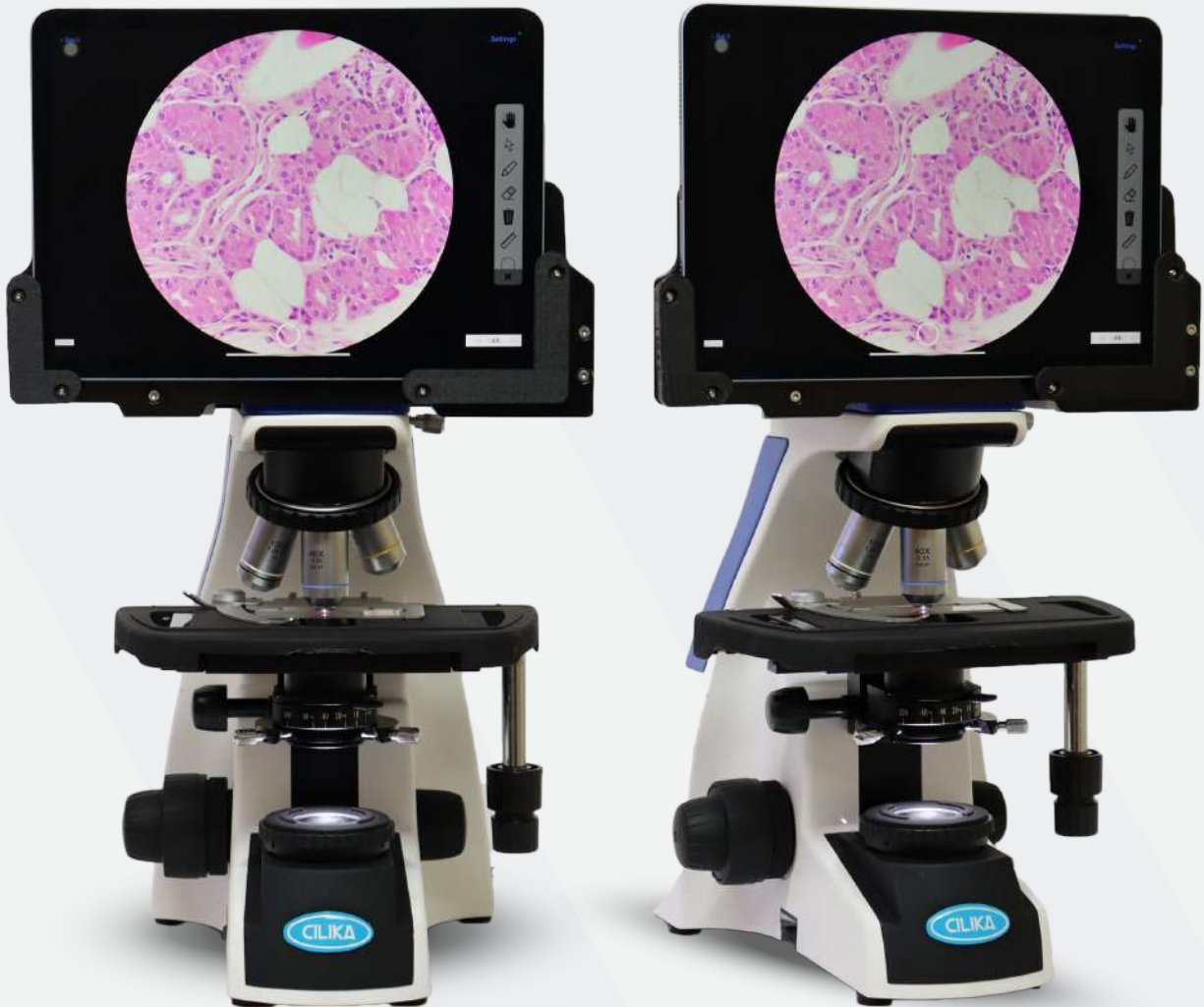
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## Cilika BT-P (2021)

Digital benchtop microscope with inbuilt integrated tablet display



# FEATURES

- Upright bright field, digital benchtop microscope with inbuilt integrated tablet display (no eyepiece/ optional binocular head can be used), application and research grade optics
- Patented detachable digital head with Internal magnification 10X
- **TrueView technology for capture of 100% circular field of view through the tablet camera;** Captured field of view: diameter 5 mm with 4x objective, 2 mm with 10x objective, 0.5 mm with 40x objective and 0.2 mm with 100x objective
- Nosepiece: Quintuple, Backward, High Precision Inner Position Stop Click
- Objectives: Four high contrast premium 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 (1 year on display)
- Optional: Upto 10 hours battery backup, 5/12V power supply
- **Display Options:**
  - iOS display with Maximum camera resolution of 3024 x 4032 pixels and 11” display with 2388x1668 pixels resolution; 128 GB ROM (Ultra HD video capture at 3840 x 2160 pixels)
  - iOS display with Maximum camera resolution of pixel 3024 x 4032 and 10.9” display with 2360x1640-pixels resolution; 64 GB ROM (Ultra HD video capture at 3840 x 2160 pixels)
- Pre-installed application with following features:
  - Report printing with images
  - Local syncing of images at desktop
  - Data management
  - Image capturing
  - Video recording
  - Exposure, brightness, saturation, temperature and contrast control
  - Micrometry – linear and circular measurements in microns
  - Annotations and text addition
  - Free hand marking and pointer for demonstration
- Optional: Binocular/Trinocular head, Wireless HDMI dongle for lag-free real time casting to projector or LCD screen.

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