

**Patented  
Technology**

# Digital Microscopes

Cilika<sup>®</sup> Microscopes are world's first smartphone integrated microscope for diagnostics and research.

**Made in INDIA**

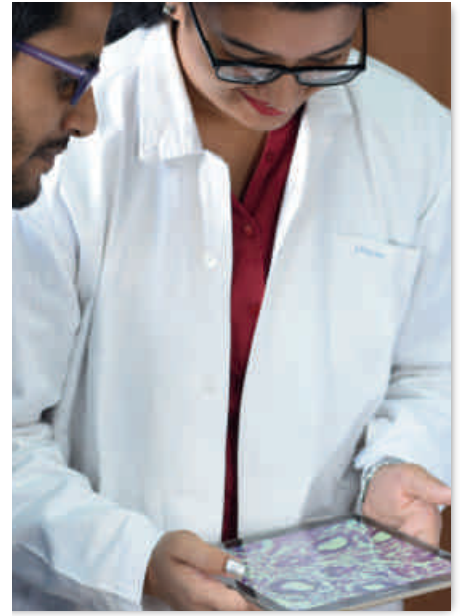
Manufactured by  
MedPrime Technologies Pvt. Ltd.

# Features



## HIGH QUALITY IMAGES

The highest grade optics and smooth stable mechanical system enables you to get the perfectly sharp image of the sample. The white LED illumination with continuous intensity control allows you to achieve the desired contrast and brightness for your sample.



## IMAGE CAPTURE AND VIDEO RECORDING

With a single touch click and a multitude of options to correct and edit, capturing images of your sample has never been this easy. Images captured with Cilika can have true white background with markings and annotations.



## NO COMPROMISE ON MAGNIFICATION

Cilika comes with the whole range of magnifications. Equipped with a quadruple / quintuple nosepiece and 4X, 10X, 40X and 100X (oil immersion) objective lenses, Cilika is suitable for entomology, microbiology and everything in between.



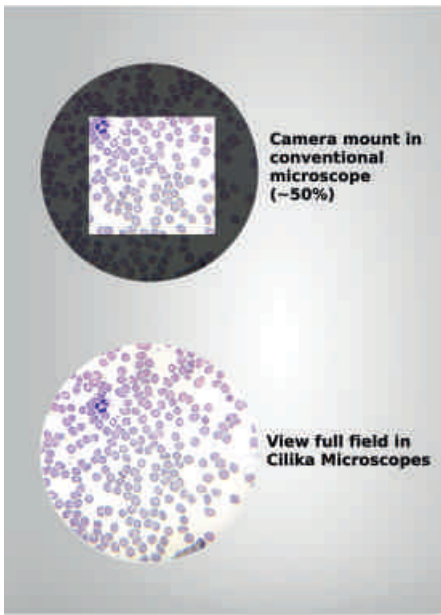
## COMFORTABLE & ERGONOMIC

Cilika lets you work for hours on end with the least strain on your eyes. The display with a natural viewing angle allows you to observe samples while maintaining a healthy posture.



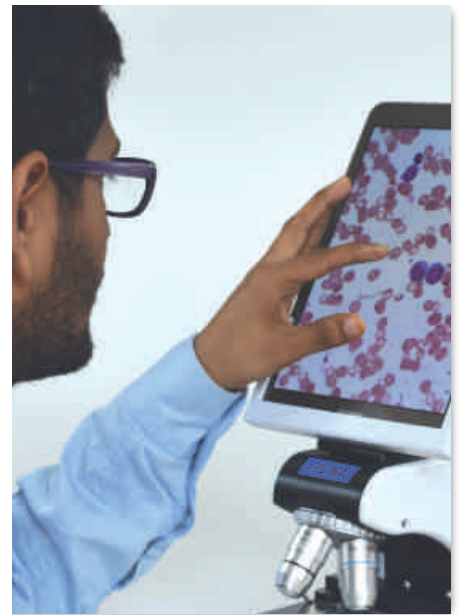


# Why Digital ?



## TRUEVIEW TECHNOLOGY

With Cilika's patented technology, you capture the entire circular view exactly as you observe through the eyepiece whereas conventional microscope camera mounts reduce the field of view by more than 50%



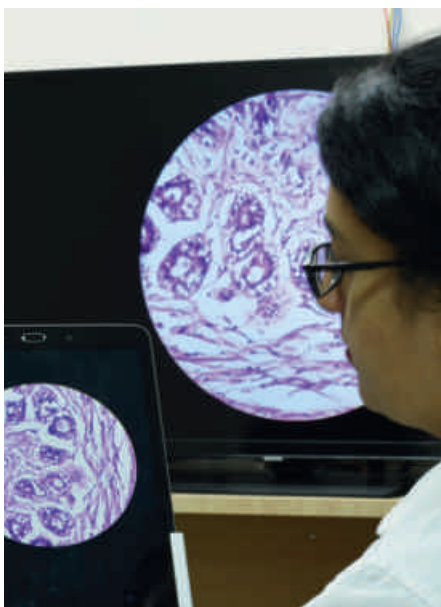
## CLICK SHARE COLLABORATE

Capture an image or record a video of live samples. Upload data onto cloud or a database. The smart device can be connected to a larger screen or to a projector or can be used for collaborative research through photo sharing and video streaming apps.



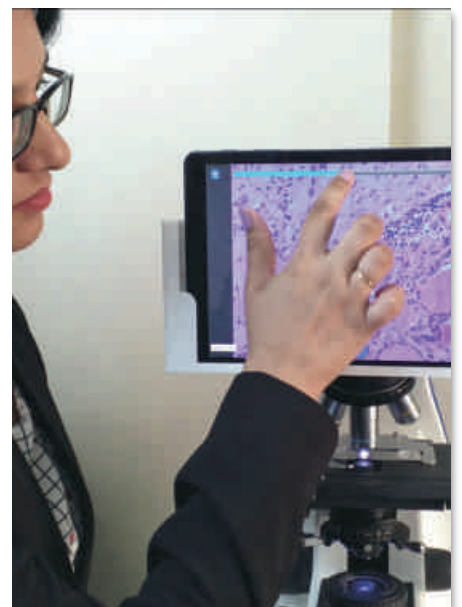
## DIGITAL ZOOM

Loss-less digital zoom of upto 4X is provided by the mobile phone/tablet which supplements the optical magnification. The pinch- and-zoom feature enables easier viewing of the finer details of your sample.



## MICROMETRY

With Cilika, get more information from your samples using live micrometry feature. Measure lengths, diameters, areas of regular and irregular shapes, add comments, markings and scale bar, all while viewing the sample live.



# CILIKA

## Portable

*The Cilika portable series microscope is the perfect product for those who require high quality imaging on the go. From work to home, from lab to field or from practicals to seminars, the Cilika portable microscopes can travel with you.*

### Display

High definition touchscreen display set to a comfortable 30 degree viewing angle gives an incredible user experience, unmatched comfort and crystal clear images.

### Optics

High grade objectives lenses combined with a uniquely designed optical system gives you the same magnification and resolution, but in a much more compact form.

### Illumination

High Long lasting white LED (1W) with compact diffuser and condenser assembly gives uniform white illumination of adjustable intensity



Scan or Click  
for Demo Video

	Cilika 45	Cilika Tab	Cilika Tab Plus	Cilika Tab Pro
Optics	Standard	Standard	Premium <i>Infinity Corrected</i>	Premium <i>Infinity Corrected</i>
Field No	18 FN	18 FN	20 FN	20 FN
Display Unit	Mobile (5.5")	Tablet (10.2")	Tablet (10.2")	Tablet (11")
Camera	13 MP	8 MP	8 MP	12 MP

### **Enabling Portability**

- Fits in a carry bag (30cm x 20 cm x 18cm)
- Cilika Portable microscopes weigh ~ 3Kg
- The rechargeable 5200 mAh battery pack gives 15 hour backup



“

. . . I can easily email photographs to consultants of other specialities, who need it for their presentations, etc. I can photograph areas for Ki67 counting, which can then be done more accurately on print outs. I use it for real time projection of slides, in academic meetings, saving me the trouble of photographing and making powerpoint slides. . . .

”

Dr. Chandralekha Tampi  
Consultant Histopathologist and Head of Pathology,  
Lilavati Hospital and Research Centre, Mumbai

# CILIKA

## Benchtop

*For microscope users who prefer the familiarity and sturdiness of traditional desktop microscope designs, but desire the advantages of a digital microscope, Cilika Benchtop is the way to go.*

### Display

High definition touchscreen display with a variable viewing angle gives an incredible user experience, unmatched comfort and crystal clear images.

### Optics

Infinity corrected plan achromate objective lenses

### Controls

Low position on X-Y and focus knobs for comfortable use



Scan or Click for  
Demo Video



	Cilika BT-E	Cilika BT-E Pro	Cilika BT-P
<b>Optics</b>	Standard Infinity Corrected	Standard Infinity Corrected	Premium Infinity Corrected
<b>Field No</b>	20 FN	20 FN	Supports upto 22 FN*
<b>Display Unit</b>	Tablet (10.2")	Tablet (11")	Tablet (11")
<b>Camera</b>	8 MP	12 MP	12 MP

\*Depends on tablet compatibility.

## Common Specifications

	Cilika BT-E , Cilika BT-E Pro, Cilika BT-EI	Cilika BT-P
<b>Nose piece</b>	Quadruple	Quintuple
<b>Sample Stage</b>	Rackless double plate stage size 135mmX140mm, Travel range 76 X 35mm	Rackless double plate stage size 190 x 140mm, Travel range 80 x 52mm, Low drive right hand movement controls
<b>Focusing movement</b>	Co-axial coarse and fine focusing on gear systems for smooth operation. Fine adjustment 0.2mm/rotation	
<b>Condenser</b>	Sub-stage Abbe condenser NA 1.25 with Iris diaphragm	
<b>Illumination</b>	LED 3W illumination with variable illumination control	

### Variable Viewing Angle

The variable viewing angle of the display allows you to set the screen to your comfort. Cervical spondylitis and strain to the eyes are occupational hazards of regular microscope users owing to uncomfortable postures. Cilika Benchtop can help you work longer hours with reduced strain and health hazards.



## DEMO VIDEOS



**CILIKA** | Portable

 <http://bit.ly/cilikaportable>



**CILIKA** | Benchtop

 <http://bit.ly/cilikabenchtop>

## MEDPRIME TECHNOLOGIES PVT. LTD.



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