

Celestron LCD Digital Microscope II

**AUD
\$549.00**

Product Images



Short Description

- Professional digital biological microscope
- Full color 3.5" TFT LCD screen with onboard software
- Built-in 5MP digital camera captures high-resolution images and 30 fps SD video of your specimen
- Fully adjustable mechanical stage for easy slide movement
- 180° rotating head for easy sharing of images
- Rotating objective lens turret 3 lens powers: 4x, 10x, and 40x
- Camera sensor acts as 10x eyepiece lens, yielding 40x, 100x, and 400x powers
- 4x digital zoom for magnification up to 1600x
- Measuring reticle for comparing specimen sizes
- 1GB SD card included so you can save up to 620 high-resolution images
- TV output for display on large monitors for classroom or lab environment
- Included accessories: 1GB SD card, dust cover, rugged canvas carrying case with shoulder strap, 5 prepared slides, 4 plug international AC adapter

Description

The professional-level Celestron LCD Digital Microscope II is a biological LCD microscope at an affordable price. With fully achromatic lens objectives, a mechanical stage, 3.5" full color TFT screen and 5MP CMOS sensor, the LCD Digital Microscope II allows for high-resolution imaging of specimen slides. The microscope even includes a 1GB SD card, enough storage to capture over 600 high-resolution images for lab reports, papers, lesson, and more.

From 40x magnification up to 1600x with digital zoom, the LCD Digital Microscope II is ideal for viewing a range of cellular specimens on slides, like most traditional microscopes. The LCD screen rotates 180 degrees so you can easily share your discoveries with others. For an even bigger audience, use the TV output to display on a television or projector.

Great for the discriminating professional or serious hobbyist, the LCD Digital Microscope II is ideal for labs, schools and research institutions.

Included Accessories

- 1GB SD card
- Dust cover
- Rugged canvas carrying case with shoulder strap
- 5 prepared slides
- 4 plug, multi-country AC adapter

Additional Information

Specifications

Imaging Sensor	5MP CMOS ½ 5", 10x magnification in lieu of eyepiece
AC Adapter	Input universal 100 to 240 volt, 50/60 Hz, 4 plug multi-country
USB Connection	2.0, 1.5 m cable included
Magnification (low power)	40x
Magnification (high power)	400x (1600 with digital zoom)
Continuous Video (VGA)	Yes, 30 fps
Included Accessories	1 GB SD memory card
Objective Nosepiece	3 position with click stop
Objective Lens Diameter	3 achromatic - 4x, 10x, 40x
Condenser Lens	+HEADER+ 0.65
Illumination	Upper and lower, built-in adjustable LEDs
Stage	Fully mechanical with metal clips, 88mm x 88mm (3.5" x 3.5")
Dimensions	170mm x 140mm x 330mm (6.7" x 5.5" x 13")
Weight	56 oz (1600 g)
LCD Screen	High definition, 320 x 240 pixels resolution, 90mm (3.5") with 4x digital zoom, 262K colors
Filter Wheel	6 position - red, blue, green, 1mm, 3mm, 6mm aperture
Course Focuser	Yes - smooth, single motion
Batteries	4AA (User supplied- up to 3 hours of use)