

TetraView LCD Digital Touch Screen



Item no:44347

The professional-level Celestron TetraView LCD Digital Microscope is a touchscreen LCD microscope with advanced features at a reasonable price. TetraView features four fully achromatic lens objectives, a fully mechanical stage, a 4.3" TFT full color touch screen, 5 MP CMOS sensor, and a 2 GB SD card for storing your photos and videos. Taking high-resolution images and video of specimen slides has never been easier.

The LCD screen rotates 180 degrees so you can easily share your viewing with others. For an even bigger audience, use the TV output to display on a television or projector. With magnification from 40 to 400x (1600x with digital zoom), TetraView is ideal for viewing a range of cellular specimens on slides.

Great for the discriminating professional or serious hobbyist, the TetraView microscope is an excellent tool for labs, schools, scientific research, and more.

FEATURES

- 40x to 400x magnification (up to 1600x with digital zoom)
- 4.3" LCD touchscreen
- 5 MP CMOS built-in digital camera
- 4 fully achromatic objective lenses: 4x, 10x, 20x, 40x
- Adjustable LED bottom illumination
- 180° rotatable LCD screen
- Fully mechanical stage
- Coarse and fine focus knobs
- Filter wheel/diaphragm
- AV/TV output
- Battery power option (4AA batteries)
- 2 GB SD card included (SD card slot supports up to 32 GB)

- Universal AC adapter with multi-plugs for international usage
- Accessories included: 7 prepared slides, hard carrying case, dust cover, touch pen, USB cable, AV out cable

SPECIFICATIONS:

- Imaging Sensor: 5.0 MP CMOS, 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): 40 x
- Magnification (high power): 400 x
- Continuous Video (VGA): Yes, 20 fps
- Batteries: 4 AA (user-supplied)
- Objective Nosepiece: 4 position with click stop
- Objective Lense Diameter: 4 achromatic - 4x, 10x, 20x, 40x
- Condenser Lens: N.A. 0.65
- Illumination: Lower, built-in adjustable LEDs
- Stage: Fully mechanical with metal clips, 3.5 in x 3.5 in (88 mm x 88 mm)
- Dimensions: 178 mm x 140 mm x 330 mm (7 in x 5.5 in x 13 in)
- Weight: 67 oz, 1.9 kg
- LCD Screen: High definition touch, 480 x 272 pixels resolution, 4.3 in (109 mm) with 4x digital zoom, rotates 180°
- Fine Focus: Yes

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Recommended Accessories



The World of Microscope Book

£0.00



Cover Slips (100 pieces)

£0.00



Prepared Microscope Slides (25
piece set)
£0.00



50 Piece Prepared Specimen
Slide Set
£0.00



3D Bug Specimen Kit 1
£0.00



3D Bug Specimen Kit 2
£0.00



Blank Microscope Slides
£0.00



3D Bug Specimen Kit 3
£0.00