



Celestron LCD Digital II is an advanced digital microscope with a reasonable budget. It has a built-in matrix with a resolution of 5 million pixels, achromatic glasses, a mechanical cross table, a 3.5 inch color liquid crystal display. The microscope offers magnifications in the range of 40x to 1600x with digital zoom, so it is a good tool for observing cell preparations, just like traditional microscopes. The LCD display can be rotated 180 ° to share the picture with other people. For a larger audience, the microscope is equipped with a TV output, allowing it to be connected to a television or projector. An excellent choice for ambitious hobbyists, as well as for schools, laboratories and research institutions that need this type of digital microscope. Characteristics

- professional biological digital microscope
- 3.5 TFT color TFT LCD with software
- the built-in 5 MPix camera allows you to take pictures in high resolution
- the camera allows you to record movies
- mechanical stage for adjusting the focus
- precise XY cross table
- head with LCD monitor rotating in the range of 180 °
- revolver with three lenses with 4x, 10x and 40x magnification
- the camera sensor works like a 10x eyepiece, resulting in optical zooms of 40x, 100x and 400x respectively
- 4x digital zoom allows you to zoom up to 1600x
- a measuring grid included in the set to indicate the physical size of the preparations
- an SD card in the set, which can store up to 620 photos in high resolution
- TV channel allows you to present the image from the microscope on a large TV

Technical parameters

- dimensions: 170 x 140 x 330 mm
- weight: 1600 g
- mechanical cross table with metal clamps
- dimensions of the stage: 88 x 88 mm
- built-in camera: 5 megapixels, CMOS, 10x magnification equivalent
- optical magnification: 40x, 100x, 400x
- 1-4x digital zoom (up to 1600x)
- LCD display: 320 x 240, 300: 1 contrast range, 262K colors
- focusing knob: single, smooth
- lenses: achromatic, 4x, 10x, 40x
- 1 GB SD card (the socket in the microscope accepts up to 32 GB cards)
- USB cable: 2.9, 1.5 m long
- filter wheel: 6 positions, RGB filters (red, green, blue) and diaphragm (hole) 1 mm, 3 mm and 6 mm
- backlight: upper and lower, adjustable, LED, DC 5 V, 2 to 3 W
- condenser: NA 0.65
- power supply: adapters for the network, from 100 to 240 V, 50/60 Hz

Elements of the set

- 1 GB SD card
- dust cover
- strong transport case with shoulder strap
- 5 ready-made biological preparations
- 4 different adapters for the mains

Warranty 2 years (below: photos taken with this microscope - click to view full size)