

EduBlue LCD

digital microscope

HIGHLIGHTS

- MonoZoom stand-alone digital microscope
- Zoom 1x up to 4x
- 91 mm working distance
- Built-in 21 LED incident ring light, five intensity positions
- Built-in 7 LED transmitted, two intensity positions
- Built-in 2 MP HD camera
- HD 9-inch screen
- Removable 8 GB SD card
- Metal stand
- 3 years warranty (2 years on camera)

TECHNICAL SPECIFICATIONS

CENTRAL ZOOM OBJECTIVE

The EduBlue LCD ED.3000 features a single optical zoom objective with a 1 to 4x zoom magnification. Zoom adjustments engravings on 1, 1.5, 2, 3 and 5x. The working distance is 91 mm. A digital zoom up to 10x is available within the software

STAND

The central Zoom Objective with attached screen and LED ring light is mounted on a rack and pinion system that sits on a 30 x 180 mm metal stand

ILLUMINATION

Two types of illumination are available;

- An integrated 21 LED incident ring light illumination (5.500 K) with five intensity positions
- A 7 LED transmitted illumination (5.785 K) with two intensity positions, integrated in the base

BUILT-IN CAMERA

Built-in HD 2 MP CMOS high speed camera with attached 9" screen. There is one USB port for a max. 16 GB SD storage card for captured images. The operator can take and save images to the SD card by pressing on a capture button at the left side of the screen. Images are saved in the .jpg format and videos are saved in .avi format

BUILT-IN SOFTWARE

The built-in on screen software is driven by the supplied computer mouse and features functions such as Capture image, Freeze image, Automatic white balance, Automatic exposition, File manager, Grids. Also camera settings such as Exposure time, Gain, Saturation, Contrast, Sharpness and HDR



ED.3000

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425/475 (h) x 180 (w) x 230 mm (d) | 2.3 kg

PACKAGE CONTENT

Supplied with 16 GB SD card, black/white object plate, a glass transparent object plate and two external 12V / 3.3 A power supplies



Adjustable screen