



SMART-E320

Digital Video Microscope



PRODUCT DESCRIPTION

- Digital compound biological microscope is designed for advanced medical research, school teaching, laboratories etc.
- The professional digital compound biological microscope includes built-in 5.0 mega digital camera with advanced software and a led illumination with variable intensity. The advanced microscopy features a digital Siedentopf binocular viewing head with 3rd tube as built-in digital camera.
- The digital compound biological microscope uses integral design. The third tube is built-in chip, and it only uses a USB2.0 cable to connect with the computer. It builds in a 3.0 mega digital camera system The light distribution of this digital compound biological microscope is 20:80.

Binocular Head



Infinity Achromatic Objective



PRODUCT PARAMETER

Eyepieces: wide field WF10X/18mm

Infinity Objectives: EPLAN 4X, EPLAN 10X, EPLAN 40X (spring), EPLAN 100X (spring, oil)

Viewing head: 30°Inclined 360°rotatable digital binocular siedentopf

Interpupillary: adjustable 50mm ~ 75mm

Nosepiece: Quadplex

Stage : X-Y mechanical stage with measurement, 145 mm×140mm, travel 76mm×52mm

Focus: coaxial coarse and fine focus knobs

Illumination: 3W LED systems

Condenser: N.A.1.25 Abbe with iris diaphragm.

Digital camera:

- Imaging device: 3.0mp, 1/2" CMOS
- Effective pixels: 2048x1536
- Transfer speed: 5fps
- Interface: USB2.0
- SNR: 61dB
- Software compatible with Windows
- A CD including driver, software and user's instruction