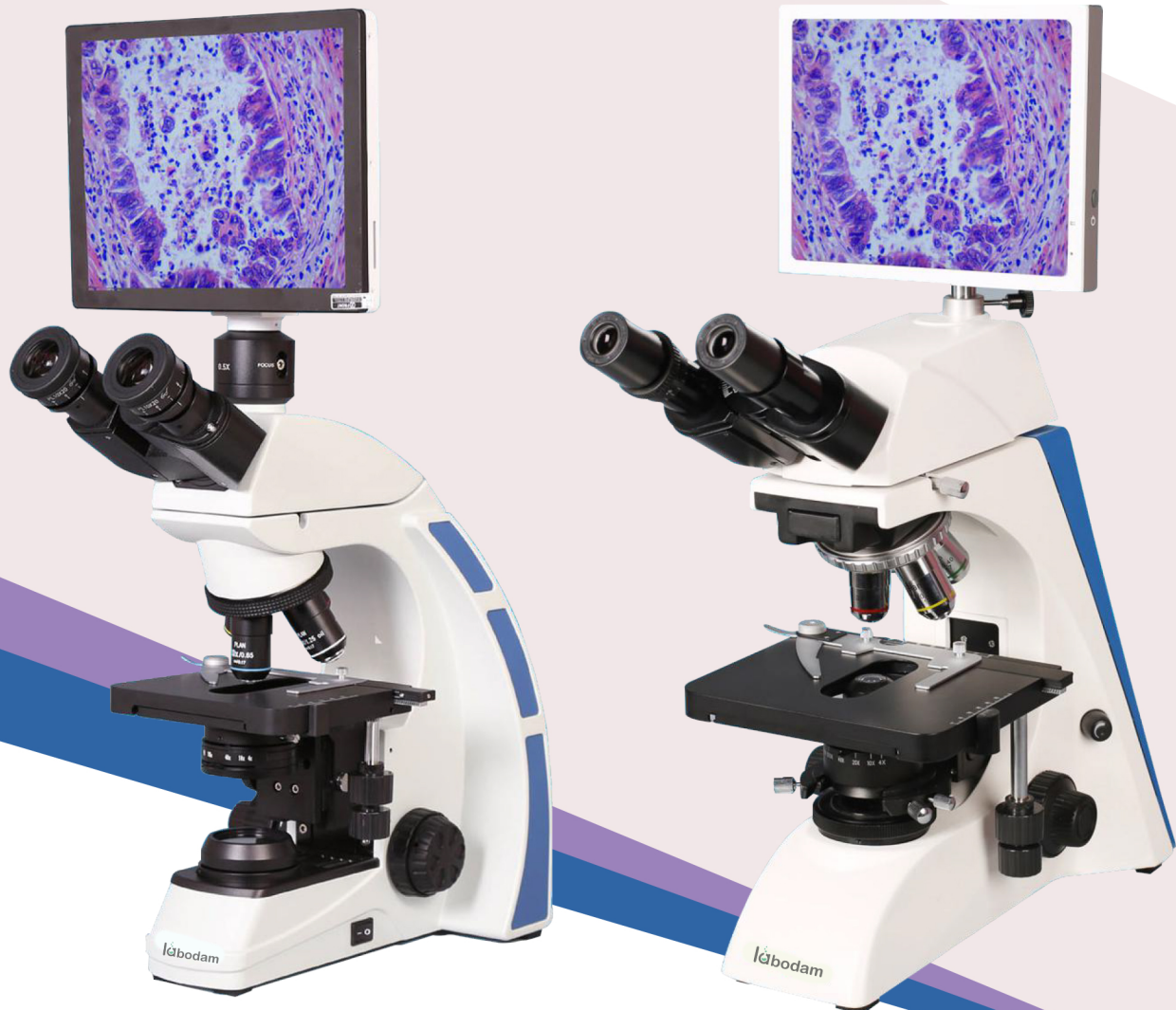


labodam



DIGITAL MICROSCOPE

LDM-A1 Series

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Digital Microscope LDM-A1 Series

Digital microscope LDM-A1 series allows person to view the sample without straining the eyes because of which quantitative analysis of samples at microscopic level is possible. It comes with advanced technology LCD TFT touch screen for high resolution image of the specimen. We can obtain clear and sharp images of the specimen using coarse and fine focusing adjustment mechanism.

Features

- Infinite optical system
- Android 4.2.2 O.S. with 5.0 mega pixel LCD TFT screen resolution
- Infinity plan achromatic objective
- 3W LED lamp with intensity control for illumination
- Advanced technology software IMS camera, Touch scope

Applications

Digital microscope has wide and promising applications in the fields of bacteriology, cytology, botany, medical research field to study the details of the specimen on LCD screen.

Specifications

| Model No. | LDM-A10 | LDM-A11 |
|----------------|--|---|
| Optical system | Infinite optical system | |
| Viewing head | Trinocular head, inclined at 30°, interpupillary distance 54 mm-75 mm | Siedentopf type binocular head, inclined at 30°, 360° eyepiece tube rotation, interpupillary distance 50 mm-75 mm, anti-fungal system |
| Eyepiece | High eye point wide field plan eyepiece PL10X/22 mm, with ±5 diopter control | WF10X |
| Objectives | Infinity plan achromatic objective: 4x, 10x, 40x(s), 100x(s, Oil) | |
| Stage | Coaxial mechanical stage: 140 mm130 mm, Travel stage: 76 mm x 50 mm | Double layer mechanical stage: 180 mm x 145 mm, Travel stage: 56 mm x 75 mm with right hand stage handle |

| | | |
|--------------------|---|---|
| Condenser | Kohler N.A. 1.25 condenser (with socket for phase contrast & dark field sliders) | Abbe type N.A. 1.25 condenser with iris diaphragm |
| Focusing | Coarse and fine focusing adjustment with limited and tension adjustment. Coarse adjustment range 25mm, fine adjustment precision:0.002 mm | Coarse and fine focusing adjustment with rack and pinion mechanism, fine focusing interval 0.002 mm |
| Nosepiece | Backward quadruple nosepiece | Quintuple quick-stop revolving mechanism with multiple ball bearing |
| Illumination | Main supply 100V~240V, 3W LED lamp with intensity control (fixed center) | Built-in kohler illumination system 3W LED, adjustable brightness, field diaphragm |
| LCD Screen | 9.7 inch TFT touch screen | 8 inch TFT touch screen |
| Output | USB 2.0, HDMI | |
| Operating system | Android 4.2.2 | |
| Software | IMS camera | Touch scope |
| Valid Pixel | 5.0 Mega pixel | |
| Power supply | 85V~265V universal power supply | |
| Optional accessory | Dark field slider for condenser | SD card |
| | Simple polarization (with analyzer & polarizer) | |
| | Phase contrast kit (10x, 20x, 40x, 100x) | |