



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Microscope, trinocular/camera, LED, cabinet

**Product Code :**  
LBNY-0001-21600014



#### **Description :**

Microscopic examination of clinical specimens in hematology, microbiology, cytology and pathology laboratories in referral or teaching hospitals.

Microscope frame with 360 degree revolving 30 degree inclined binocular tube.

Third ocular allows for integration of camera via C-mount, with 0.5x reduction.

Range of magnification 40 to 1000x.

5-positions nosepiece.

Objectives, full plan-achromatic 5x/0.12.

Condenser: Abbe with iris diaphragm aperture, 1.25 NA.

Eyepieces: 16x-eyepieces optionally.

Area of stage: 210 mm (w) x 145 mm (d); travel range: 75 mm (w) x 30 mm (d)

Single slide holder.

Rack and pinion steel gears.

Coarse and fine focusing: fine focus: 0.4mm/rotation.

Retractable eye guards.

Illumination: average life-time of LED: more than 20.000 hours.

Sensor 1/ 2.5 CMOS.

Exposure time, automatic / manual 2s to 0.01ms.

Video imaging up to 20 frames per second.

Observation by Bright field and with blue filter.

Brightness control 0 to 100 % (linear).

Camera with software: Digital still image and video capturing, processing and storage/retrieve software.

Operation conditions: 10°C to 40°C, air humidity max. 75% at 35°C.

Resolution still image: 2560 (H) x 1920 (V) 5 Megapixels.

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Provided with USB 2.0 power and data connection to external computer.  
Windows XP compatibility: Windows 10 embedded x64 and older Windows x64 systems.

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