

## **CX33 Microscope**

For less demanding requirements using only brightfield and darkfield, the CX33 microscope is a great option. The low positioned nosepiece and stage, focusing lock, specimen holder, and inward quadruple revolving nosepiece make the CX33 microscope is well-suited for everyday observations in one easy configuration.

### **CX33 Specifications**

Optical System Infinity optical system

#### **Illumination System:**

- Built-in transmitted illumination system
- Köhler illumination (fixed field diaphragm)
- LED power consumption 2.4 W

#### **Focusing:**

- Stage height movement (coarse movement stroke: 15 mm)
- Stroke per rotation for coarse adjustment knob: 36.8 mm, Focusing stopper
- Torque adjustment for coarse adjustment knob
- Fine focus knob (minimum adjustment gradations: 2.5  $\mu\text{m}$ )

Revolving Nosepiece: Fixed quadruple nosepiece with inward tilt

#### **Stage:**

- Wire movement mechanical fixed stage, (W  $\times$  D): 211 mm  $\times$  154 mm
- Traveling range (X  $\times$  Y): 76 mm  $\times$  52 mm
- Single specimen holder (optional: double specimen holder, sheet holder)
- Specimen position scale
- Stage XY movement stopper

#### **Observation Tube:**

- 30° inclined trinocular tube (anti-fungal)
- Light path selector: eyepiece/camera port = 100/0 or 0/100
- Interpupillary distance adjusting range: 48–75 mm
- Eyepoint adjustment: 375.0–427.9 mm

Eyepieces (anti-fungal):

- 10X Field Number (FN): 20

#### **Condenser:**

- Abbe condenser NA 1.25 with oil immersion

- Built-in aperture iris diaphragm

Observation Methods: Brightfield, darkfield

**Objectives:**

Plan achromat, anti-fungal

4X NA 0.1 W.D. 27.8 mm

10X NA 0.25 W.D. 8.0 mm

40X NA 0.65 W.D. 0.6 mm

100X NA 1.25 W.D. 0.13 mm (oil)

Rated Voltage/Electric Current AC 100–240 V 50/60 Hz 0.4 A

