

**Product Name :**

ENT Operating Microscope

**Product Code :**

SLE/M/43



## Description :

### Technical specification:

#### OPTICS:

- a. Apochromatic Optics with five step magnification changer.
- b. Magnification Range 2.4x-40x or more
- c. Max Field of view should be more than 180mm.

#### OBJECTIVE:

- a. Working distance  $f=250$  mm and 400 mm.
- b. Fine focusing for 300 mm.

#### BINOCULAR TUBE:

- a. Inclinal binocular tube  $f=170$  mm or higher.
- b. Inter pupillary distance adjustment from 55 mm to 75 mm.

#### EYEPIECES:

- a. Pair of wide field push-in eyepieces 10x or 12.5x with rubber sleeves
- b. diopter setting -5D to +5D.

#### ILLUMINATION:

- a. Coaxial fiber optic / direct Xenon or LED illumination system.
- b. In LED equipped systems: single lamp.
- c. Dual lamp system with quick change over in case of Xenon.
- d. Continuously lamp intensity adjustment by control knob near to the surgeon.

#### STAND:

- a. Stable and sturdy floor stand on four lockable castors, column (height: minimum 1.6m).
- b. Spring-balance articulated arm, carrier arm, power supply unit.

#### OTHERS:

- a. With lateral Handgrips for all knobs, dust cover.
- b. integrated full HD (1080p) camera & full HD recording system. Camera should have play back function for videos & photo.

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