

Specification- Operating microscope- ENT

1. Apochromatic Optics with five-step magnification changer.
2. Magnification Range up to 18x or more
3. Manually variable working distance from a minimum 200 to 430mm or better with just one finger without changing the objective lens.
4. Binocular tube: Straight binocular tube or better.
5. Eyepieces-Pair of wide field eyepieces 10x or 12.5x.
6. Dioptre setting -8D to +5D or better.
7. Illumination-Integrated latest generation LED illumination. Should also have the option to choose light boost for natural coloured light at xenon-like intensities and maintenance-free.
8. Floor stand with casters for flexible use in several treatment rooms
9. Adjustable handgrip, optimized for single-handed operation concept.
10. The microscope should be future upgradable Visualization modes to increase the tissue contrast, and suppress light reflections.
11. Integrated full HD (1080p) camera and recording, HDMI output, recording on USB attached storage, trigger from microscope Should also be supplied with a compatible TV monitor
12. The microscope should be future upgradable to DICOM & laser compatible
13. The microscope should be supplied with asepsis caps for single variable objective lens, handgrips, magnification changer.
14. The microscope should be USFDA / CE certified.
15. All functions should be operated through one finger with the help of joystick.