

# VOMS-202E

3D Video Surgical Microscopy System

Full - HD(1920X1080, 60p)

**ENT**



Comfortable treatment environment  
provided through implementation of  
Head-Up posture using 3D microscope

Helpful for various surgical training and  
medical education

Provides excellent sense of depth and  
immersion

Easy and precise operation with  
convenience

Monitor magnification (based on 23-inch)  
from 12x or 24x, and up to 48x when using  
digital zoom

"With cutting-edge 3D video microscope surgery,"  
we are opening a new era of 3D video surgery.



## ♦ Realistic Stereo image ♦



Diagonal Length

### ♦ Applicable Areas ♦

- **Ear Disorders** – Tympanum and middle ear surgery, artificial ossicle implantation
- **Nasal Disorders** – Nasal cavity and turbinate surgery, tumor removal
- **Neck Disorders** – Laryngeal and pharyngeal surgery, cervical tumor surgery



Middle ear infection surgery

[Standard]

D.L=24/48mm  
(W.D : 270mm)



Working Distance

A 3D microscope is a specialized device used to diagnose and treat diseases related to the ear, nose, and throat. It provides higher magnification and brighter illumination than conventional microscopes. The 3D microscope displays the surgical area in three dimensions, allowing the surgeon to perceive depth as if seeing it in real life. This enables more precise surgical planning and manipulation, making it highly effective for surgeries involving anatomically complex areas.

## ♦ Specifications ♦

|   |  |   |
|---|--|---|
| Input Electrical Rating                   |  | 100-240V AC, 50/60Hz, 230VA                       |
| Light source                              | LED  | White LED with UV cut filter                      |
|   | Color temperature                            | 5000°K ± 10%                                      |
| Video Compressing Method                  |  | MPEG-4 / H.264 File Extension(AVI)                |
| Resolution                                |  | FULL-HD 3D / 1920 x 1080 / 60p                    |
| Video Output                              |  | 3x HDMI   |
| 3D Format                                 |  | Side-by-side(SBS)                                 |
| Media Storage                             |  | USB2.0(FAT32 Format)                              |
| User interface                            |  | 8-inch TFT LCD, Foot Switch, Wired Remote Control |
| Magnification                             | Video Magnification based on 23-inch Monitor | D.L 24mm(24x)/48mm(12x)                           |
|   | Digital Zoom                                 | 1.0x ~ 2.0x                                       |
| Working Distance                          |  | 270mm   |
| Type of protection against electric shock |  | Class 1 Equipment                                 |



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