

SM-2008, An Upgraded model with superior performance!

**FIRST-CLASS R&D TALENTS
TECHNOLOGY INNOVATION AND PATENTS
TOP OPTICAL DESIGN AND SOFTWARE OPTIMIZATION**



Slit lamp :

- 1) Slit lamp image processing system
- 2) A series of Beam Splitters for all usage, with striking appearance, convenient for setting, free to combine, offering different functions to customers according to requirements
- 3) Taking photos of the examination results by one button
- 4) Adjusting the illumination by one knob
- 5) The handy outfit helps changing bulb easily.

Beam Splitter:



apply with two lecture scopes



aply with one camera



apply with one camera
and one lecture scope



apply with one camera
and two lecture scopes

Specification of Slit Lamp

Microscope

Type	Galilean-Type
Magnification change	five / three position revolving drum
Eyepieces	12X
Angle between eyepieces	13° converging optics
Total magnification ratio	10X, 16X, 25X (SM-2008) 6X, 10X, 16X, 25X, 40X (SM-2008B)
Field of view (Φ)	8.7, 13.9, 22.2mm (SM-2008) 5.5, 8.7, 13.9, 22.2, 34.7(SM-2008B)
Pupillary adjustment	52mm ~ 78.5mm
Diopter adjustment	± 6D

Slit Illumination

Slit width	continuously variable from 0 to 14mm
Slit length	1mm-14mm continuously
Aperture diameters	15.96mm, 11.4mm, 5.7mm, 3.42mm, 2.28mm, 1.14mm, 0.23mm
Slit angle	0-180 continuously variable from vertical to level
Slit inclination	4 steps: 5°, 10°, 15°, 20°
Filters	heat absorbing, UV, red-free, cobalt blue
Lamp	12V/30W OSRAM Halogen Lamp

Base

Longitudinal movement	92mm
Lateral movement	98mm
Fine Base movement	15mm
Vertical movement	30mm

Chin-Rest

Vertical movement	80mm
Fixation Target	Red LED

Power

Input	220V ± 10%/110V ± 10%
Frequency	50Hz/60Hz
Power consumption	40VA (max)
Output	light source bulb 0-11.6V (Continuously variable)
Fixation Target	1.5V
Electric safety standards	GB 9706.1-2007/ IEC601 – 1: 1988 Class I type B EN60601-1, EN60601-1-2

