GX Healthcare

YSX-120

Y7-20P5

YSX-101

YSX-107

YSX-104

YSX-102

SOM-2000C

LZJ-11

product datasheet

Operating Microscope Range

The GX Healthcare range of operating microscopes provide outstanding quality viewing at great value prices. This makes them ideal for health departments and clinics with limited budgets who still require high performance and convenient ergonomics.

The microscopes are all supplied with integral high intensity illumination systems, highly flexible microscope head mounts for comfortable, prolonged viewing and stable stands.

The range includes multiple viewing ports, camera attachments, motorisation with foot pedal control and, of course a range of optical magnifications. Some models include motorised zoom and motorised focusing systems. The illumination systems are cold light sources.

These microscopes are used in operating theatres, clinics, dentists, veterinary practices and research laboratories.

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Specifications and Descriptions: YSX Series

The YSX range includes 12 models of high quality operating microscopes, a selection of the most popular models are featured in this datasheet. The models come with a variety of mounting, viewing and working distance facilities to suit different applications.

All models are equipped with halogen-tungsten lamps and cold-light fibre-optic coaxial illumination. They are ideally suited to meet the needs of surgeons in the fields of the orthopaedics, general surgery, brain surgery, ear-nose-throat surgery, ophthalmology, gynaecology, veterinary surgery and dentistry.

They are also widely used in industry where ultimate image quality, illumination quality, comfort and long reach are required.

f'=87mm	
f'=87mm,f'=174mm	
f'=200mm,f'=250mm,f'=300mm,f'=400mm	
0.6X,1X,1.6X	
both floor type and table type available	
both long and short arms available	
Description	
Binocular straight observation, long arm and floor type	
Binocular titled observation, long arm and floor type	
Binocular straight observation, long arm and floor type. Camera or secondary observation tube attachable.	
Binocular straight observation, long arm and table type	
YSX-107 (Multi-Function)	
6x	
Ophthalmology, ear and nose	
General Surgery	
Neurosurgery and Brain	
Throat and gynaecology	
0.6x,1x,1.6x	
2.4x-12X	
10mm	

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SOM-2000C (advanced zoom microscope)

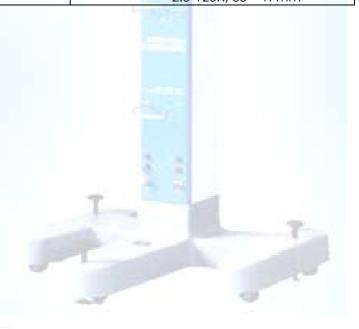
	r
Magnification of eyepiece	12.5X/18B
Visual angle of eyepiece	60°-90° continuously adjustable
Working Distance	170mm
Magnification	4.5X-25X ZOOM
Diameter of Visual Field	Ø50- Ø9(mm)
llumination	6°+0°coaxial illumination, 26°oblique
	illumination
ight source	12V 100W halogen lamp
llumination control	continuously digital adjustable 👘
ux on objective plane	100,000LX
Focusing range and speed	40mm,speed continuously adjustable
(-Y range and speed	50mmx50mm,speed continuously
	adjustable 🔹
	weight 33Kgs)
This binocular operating microscope provid	des 3 levels of magnification, very high
definition images and a large field of view.	The cold light source provides bright,
comfortable and even illumination of the s	ubject.
The arm is finely balanced with tensioned springs allowing great freedom of	
movement and comfortable positioning at	
This instrument provides control of position,	magnification, focusing (can be
controlled with footswitch) and inclination.	
Focus Length of Objective lens	f200, 250, 300, 350(mm)
Magnification of Eyepiece	12.5X/16B
Working Distance	190 – 240mm
nclination of binocular eyepiece tubes	45°
Dioptre adjustment range of eyepiece	+/- 6D
nterpupillary distance of eyepieces	50 – 70mm
Height of eyepiece eyecups	18mm
Magnification(f200)	5.3X,8X,12X
Diameter of Visual Field(f200)	Ø38£¬Ø25,Ø17(mm)
llumination	6°+0°coaxial illumination
ight source	12V/100W halogen lamp
Ilumination control	continuously adjustable
ux on objective plane	20.000 00.0001
Range and speed of focusing	30,000 - 80,000Lx
	30mm(2mm/s)
Maximum reach of arm	
	30mm(2mm/s)



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LZJ-11 (Multi-fund	ction, Advanced)	
Features:		
This advanced operating microscope is suitable for almost any operating procedure.		
Tiltable binocular tube system with a continuous tilting range of 0-90 deg.		
Parallel optical path for the additional binocular and monocular viewing ports		
including full synchronisation of movement, focus, light path, magnification, field of		
	prientation.	
	m with a zoom rate of 1:5	
Coaxial internal illumination system		
	dom of movement	
Range of stand's vertical movement	500mm	
Fine focusing range	50mm Aiming speed @ 2mm/s	
Microscope's range of movement - up	180°	
and down and from side to side		
Motorised zoom speed	2r/m	
Interpupilliary distance of main and	55 – 72mm	
assistant' binocular heads		
The head can be equipped with X-Y	40mm	
coupling, movement range		
Cold light source illumination	24V150W	
Maximum reach of stand's horizontal arm	1030mm	
Swing angle of the carrier arm	240°	
Working Distance	Diameter of Visual Field	
f'=200	<u>5-25X, 42.5 – 8.5mm</u>	
f'=250	4-20X, 53 – 10.6mm	
f'=300	<u>3.3-16.7X, 64 – 12.6mm</u>	
f'=350	3-14.3X, 74 – 15mm	
f'=400	2.5-125X, 85 – 17mm	



Supplied to you by:

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