Surgical Microscope

SM620

Details Make the Difference

IDS 2019

Hall 02.1
Stand C76

MediWorks®

Multi-light source mode

White lighting mode
Orange filter mode
Green filter mode
Fluorescence / NoGlare mode

The state display screen

Display the light source mode, magnification factor and brightness adjustment

12.5x widefield eyepieces

Adjustable Eyecup is suitable for you with or without eyeglasses.

180° tiltable tube

You can sit comfortably in an upright, ergonomically correct position during treatment for a more relaxed working day.

Rotation ring

Working with binocular extender, rotate the binocular 25°.

Binocular extender & beam splitter

30° binocular extender with integrated beam splitter, adapter for digital camera

Zoom magnification changer

Motorized zoom system, magnification factor 0.4x-2.4x

Varifocal objective lens

Varifocal 100, working distance 220-320mm

120° balance arm

Ultra-light, ultra-smooth and perfect balance

Specification

Basic configuration	SM620 Classic	SM620 Pro
Magnification system	Manual magnification changer 0.4x, 0.6x, 1x, 1.6x, 2.4x	Zoom magnification changer 0.4x-2.4x
Focus	F=250 mm Fine focusing range 13mm	Varifocal 100 Working distance 220-320mm
Connecting arm	Damping arm	120° balance arm
Eyepieces	12.5x wide-field eyepieces, diopter adjustable of eyepiece +/-7D	
Tube	180° tiltable tube	
Pupil distance adjustment	52-75mm	
Filter	Orange filter、Green filter	
Illumination system	LED 5700K	
Illumination spot	＞Φ70mm@F=250	
Mount options	Floor stand / Wall mount	

Configuration options		
Lighting mode		Fluorescence / NoGlare mode TureLight mode
Connecting arm	120° balance arm	
Focus	Varifocal 100 Working distance 220-320mm	
Beam splitter	2:8 or 5:5	
Binocular extender	30° binocular extender 30° binocular extender & beam splitter	
Rotation ring	Rotate the binocular 25°	
External camera	Nikon or Canon or Sony SLR digital camera adapter	
Integrated camera	HD1080P output	
Laser filter	It protects the dentist 's eyes against damage	
Iris diaphragm	Increase the depth of field	
Asepsis	Splash protection for the objective lens	

Shanghai MediWorks Precision Instruments Co.,Ltd.

Add:Zone A,2nd Floor,No.69,Lane 1985,Chunshen Road,Minhang District, Shanghai,200237,China
Tel: +86-21-54260421 54260423 Fax:+86-21-54260425
Email: international@mediworks.biz

Follow Us on

www.mediworks.biz

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