



SOM[®] 52 Colposcopes



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Product data sheet

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SOM® 52 LED colposcope

1 Basic configuration	Mobile stand SOM52 with column, with breaks Swivel arm L = 475mm Spring forced suspension arm L=630 mm for easy positioning Illumination unit 15V/150W with spare lamp ready for use for quick lamp change Cold light adapter with green filter Cold light fiber cable L=1400 mm Microscope carrier Magnification unit with 3-step changer Binocular inclined tube 45° f=125 mm, with PD adjustment knob Eyepieces adjust. WF 20x V with eyecup and locking knob Objective f=300 mm Ergonomic handle, bilateral, 360° adjustable in steps Dust cover
2 Common options	Magnification unit with 5-step changer Manual fine focusing 40mm Integrated LED illumination in swivel arm 50W
3 Video (optional)	Beam splitter, monolateral 80:20 TV-tube with diaphragm f=54 mm Sentech HD video camera with HDMI connection with medical grade power supply: Image Sensor 1/2,33" 14 MP CMOS Sensor HD Active Picture Elements 1920 (H) x 1080 (V) Scanning System Progressive S/N Ratio 35 dB Video Output 1920 (H) x 1080 (V) 60 / 50 Hz Exposure Control / Gain Control / White Balance: Automatic Optical Filter IR Cut Filter

4 Documentation (option) Kaps Media work station – Basic package

Dicom Push for Kaps Media work station Basic (optional)

Kaps Media work station – Classic package

Dicom Work List for Kaps Media work station Classic (optional)

Foot switch for Kaps media work station (optional)

5 Technical data

Mobile stand:	670x670mm with breaks
Arm reach:	Swivel arm L=475mm, Suspension arm L=630 mm
Illumination (LED):	50W / 50000h service hours
Filters:	inbuilt, swing-in green filter
Magnification & FoV.:	3-fold: 5.4x/8,5x//13,6x, 35/21,5/13,2mm
<i>(by F=250mm/10x/F=125mm)</i>	5-fold: 3,4x/5,4x/8,5x/13,6x/21,2, 55/35/21,5/13,2/8,5mm
Diopter settings:	-5D to +5D
PD adjustment:	55-75mm

6 Others

Classification (93/42 EEC):	I (Appendix IX Rule 1)
Electrical safety:	DIN EN ISO 60601-1:2005
Equipment protection:	IP 20
Mains voltage:	100 ~ 240 V AC
Mains frequency:	50 ~ 60 Hz
Certification:	CE
Country of origin:	Germany (Colposcope)

