



# COLPOSCOPES

Take a look at our new C-100 series and discover why it is your best option

**ECLERIS**   
INNOVATION VALUE

# COLPOSCOPE

C-100 SERIES

- **HIGH IMAGE QUALITY**

High quality wide field optics, 5 levels of magnification. Integrated fine focus objective lens and fully adjustable dual maneuvering handles.

- **OUTSTANDING MOBILITY**

All rotary components are assembled on bearings providing smooth and stable motion.

- Optional monitor Stand

- Optional cameras :  
Procam standard and  
high definition resolution

- New led 80w light source
- Universal connection for all brands of fiber optic cables
- Electronic dimmer
- 50.000 hours life LED

- **Reliable support system**

Telescopic compact option

Mobile base with rubber wheels for firm and stable movement with fixing position breaks



## TECHNICAL SPECIFICATIONS

	<b>SERIES</b>	MICROSTAR C-100	
		COLPOSCOPE	
<b>BINOCULAR TUBES</b>	45° Inclined (straight optional)		
<b>OBJECTIVE LENS</b>	Standard 300 mm included. Options: 200 / 250 mm		
<b>MAGNIFICATIONS</b>	Manual changer 5 positions: Factor 4 / 6 / 10 / 16 / 25 X		
<b>FINE FOCUS</b>	Manual		
<b>EYEPIECES</b>	10 X Wide angle Dioptric setting: + / - 5		
<b>FIELD OF VIEW (10 X)</b>	Ø 24 mm / 0,95" (for f: 200 mm) Ø 31 mm / 1,22" (for f: 250 mm) Ø 36 mm / 1,42" (for f: 300 mm) Ø 50 mm / 2,0" (for f: 400 mm)		
<b>INTERPUPILAR DISTANCE</b>	2,16" - 3,15" 55 - 80 mm		
<b>FILTER</b>	Green		
	ILLUMINATION		
<b>TYPE OF ILLUMINATION</b>	Coaxial Illumination through 7 mm fiber optic light guide cable		
<b>LIGHT SOURCE</b>	LED 80 W 50.000 hours life		
<b>VIDEO CAMARA</b>	Optional high resolution Procam videocamera and high definition Procam HD		
<b>ILLUMINATED FIELD</b>	Ø 70 mm / 2,75" (for f: 200 mm) Ø 90 mm / 3,54" (for f: 250 mm) Ø 107 mm / 4,2" (for f: 300 mm) Ø 145 mm / 5,7" (for f: 400 mm)		
<b>ILLUMINATION CONTROL</b>	Electronic dimmer		
<b>POWER SUPPLY</b>	100 - 240 VAC, 50 / 60 Hz		
	PANTOGRAPHIC ARM		
<b>TYPE</b>	WBS - Weight balance system		
<b>ROTATION MOVEMENTS</b>	System with proximal and distal rolling bearings		
	MODEL		
	C-100F	C-100 TELESCOPIC	
	FLOOR STAND	TELESCOPIC MODEL	
<b>BASE</b>	H shape 18,5"x 19,3" / 470 x 490 mm	Star shape, 5 wheels	
<b>OBJECTIVE - FLOOR HEIGHT (Min. / Max.)</b>	21,65" / 46,45" 550 - 1180 mm		
<b>MOVEMENT</b>	38,2" / 970 mm (max)	Rotation 360°	
<b>WEIGHT</b>	109 lbs 54,5 Kgs	30 lbs 13,5 Kgs	
<b>HEIGHT ADJUSTMENT</b>	25" / 635 mm	38 - 47" / 975 - 1200mm	

# VIDEOCOLPOSCOPE HD



Outstanding image quality  
Perfect HD 1280X720p color definition  
Optical zoom  
LED high power illumination  
Great maneuverability

- OSD (on screen display) with indication of real magnification and select table monitor site.
- Zoom and focus operated by 4 commands joystick.
- Still function.
- WB (white balance) push bottom control.
- Perfect color discrimination due to CMOS HD technology.
- Floor stand system with 4 antistatic wheels with break.
- Ratched up down pole with double arm for easier and steady positioning.



## Optional:

- Monitor stand pole
- Endodigi software capturing system



## TECHNICAL SPECIFICATIONS

<b>OUTPUTS</b>	2x HDMI
<b>MAGNIFICATION</b>	progressive magnification. Optical zoom up to 30x and digital zoom up to 54x on a 24" monitor.
<b>FOCUS</b>	Automatic and manual
<b>RESOLUTION</b>	1280 x 720P
<b>WORKING DISTANCE</b>	240-300 mm
<b>FILTER</b>	Optical green
<b>LIGHT SOURCE</b>	LED 6000K integrated on head
<b>LED life</b>	50000 hs.
<b>VOLTAGE</b>	100-240 volts.
<b>FREQUENCY</b>	50/60hz

# OPTIONAL DIGITAL CAPTURING SYSTEM ENDODIGI



## Endodigi SD USB, (Standard Definition)

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- Complete patient data base
- Captures videos in real time
- Captures images
- Captures audio
- Footswitch
- 3 composite video inputs
- 1 composite video output



## Endodigi HD USB Basic (High Definition)

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- Complete patient data base
- Captures HD videos
- Captures images
- Captures audio
- Footswitch
- 1 HDMI video input
- 1 HDMI video output

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