

C6A HD

Video Colposcope

Version 1.0

Technical Specifications



Specifications

	Vertical stand: the chassis diameter $\leq \varnothing 480$ mm
Dimensions(D×W×H)	Swing arm stand: the chassis diameter $\leq \varnothing 550$ mm MT-806 trolley: about 500 mm x 500 mm(Length*Width)
	Vertical stand: ≤ 8 kg
Weight	Swing arm stand: ≤ 45 kg(Safe Load) MT-806 trolley: ≤ 30 kg
Pixel	2,130,000
Focus Mode	Manual, Auto
Output Signal	HD-signal
Illumination	≥ 3000 lux
Magnification	1 ~ 60X
Operation Distance	6X: No narrower than 200 mm-300 mm 3X: $\geq \varnothing 100$ mm 18X: $\geq \varnothing 15$ mm
Field of View	
System Resolution	≥ 900 TVL

Space Resolution	≥14 lp/mm
Image Geometric Distortion	≤3%
Camera Light Source	White loop group LED light
Imaging Mode	White light (3 levels) Electronic green filter (3 levels)
Capture Box	3-pin aviation interface USB B & DB9 interface Power switch DC port HD signal interface

Features

Vertical Stand	T-shape based
Swing Arm Stand	With Monitor arm, PC tray, Keyboard

Working

Depth of Field	6X: ≥120 mm 18X: ≥5 mm
Temperature	+5 °C ~ + 40 °C (+41 °F ~ +104 °F)
Video Mode	PAL/NTSC
Relative Humidity	25% RH ~80% RH (non-condensing)
Atmospheric Pressure	86 kPa ~ 106 kPa

Power Supply

Input Current	400 mA ~ 200 mA (Power Adaptor: FW7556M/12)
	500 mA ~ 200 mA (Power Adaptor: ME20A1202F01)
Operating Frequency	50 Hz/60 Hz

Standards Compliance

Standards Compliance	IEC 60601-1:2005, EN 60601-1:2006, IEC 60601-1-2:2014, EN 60601-1-2:2015
Anti-electric Shock Type	Class I equipment with internal power supply
Anti-electric Shock Degree	Class II equipment (Power Adaptor: FW7556M/12)
	Class I equipment (Power Adaptor: ME20A1202F01)
Working System	Continuous operation equipment
Degree of Protection against Harmful Ingress of Water	Device/Camera: ordinary equipment (sealed equipment without liquid proof)
	Foot switch: IPX8
Disinfection/Sterilizing Method	Refer to this user manual for details
EMC	CISPR 11 Group 1 Class A
Working System	Continuous running equipment

Environmental Specifications

Degree of Safety in Presence of Flammable Gases	Equipment not suitable for use in presence of flammable gases
Relative Humidity	Working: 15% RH ~ 93% RH (non-condensing)

Transport and Storage: 15% RH ~ 93% RH (non-condensing)

Working: 86 kPa ~ 106 kPa

Atmospheric Pressure

Transport and Storage: 70 kPa ~ 106 kPa

Certificate

USA

FDA

Europe

CE

Brazil

ANVISA