MEDILAND

Linda
Video colposcope

CERVICAL CANCER

Women's Healthcare

Linda Video colposcope

Technical Specifications

Physical Specifications	Dimensions: 45~60 cm*50~60 cm*85~ 180 cm Console Rotation: 270 º
Weight	Digital Colposcope: 15 kg Rolling Stand with Monitor Arm: 30 kg Monitor: 3 kg
Camera and Light Source	Pixel (Resolution): 24000000 (24Mpixel) Magnification (without quality loss): 1~70X Focus: Manual, Automatic Output Signal: HDMI Operating Distance: 35cm ~ 100cm Camera Lighting: Group of ring-shaped White/Green/Blue LEDs Lighting: $\geq$ 1600 lux White Balance: Automatic, manual / Green light mode, white light SNR: $\geq$ 65dB
Power Supply	Voltage: 100 V-240 V Frequency: 50/60 Hz Input Current: 500 mA-208.3 mA Protection Electric Shock: Class II Equipment
Risk Class (Level)	Class A (Low risk)
Environment	Working Temperature: +5 ºC ~ +40 ºC (+41 ºF ~ +104 ºF) Working Humidity: 25 % a 80 % (non-condensing) Atmospheric Pressure: 86~106 kPa
Configuration	Video Colposcope Device Trolley 24 inch Full HD Monitor
Output Ports	HDMI- USB

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Features

- 8K UHD real time imaging/video recording system by 24MP camera.
- 70X magnification without loss of image quality.
- Autofocus system by ultrasonic motor.
- Displaying images in 3D stereoscopic mode for depth perception.
- Operating distance from 35 cm to 100 cm.
- Cold light source by group of ring-shaped green, blue and white LEDs.
- 270-degree rotation of the user console.
- 10-inch touchscreen monitor for user console.
- Diagnostic assistance system using artificial intelligence.
- Automated image segmentation to localize lesions and guide biopsy.
- Special software for storage, archiving and automatic reporting.
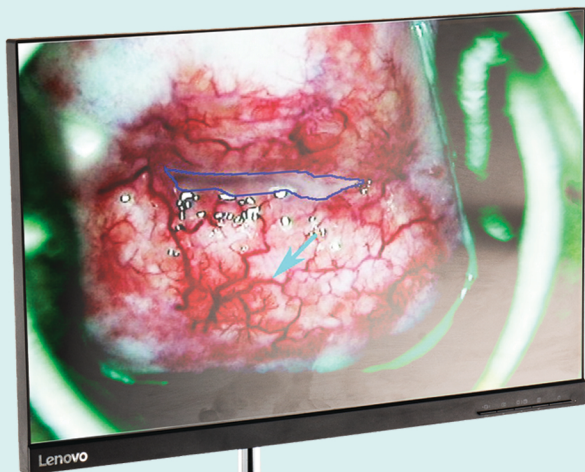- Meet ISO 13485 Quality Standard.
- Two years' warranty.

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Mediland® Linda video colposcope is a compact system of high-resolution camera and computer-based processor for very high-quality real-time imaging of the cervix. In addition to having a very high ability to zoom without losing quality, this system has unique capabilities and facilities. Applying deep learning system to assist the diagnosis of abnormal lesions on cervix, abnormal vessels, separation of cancerous from non-cancerous lesions is one of these. Another feature of this system is the ability to display images in 3D stereoscopic mode in order to understand the depth in the image. Archive, storage, automatic report writing, automatic acetic acid timer, image processing tools and automatic segmentation of cervical lesions are all options that encourage any physician to use this device.

ABOUT US

brand name of MEDILAND,has started its activities in the field of design and production of medical diagnostic equipment and medical imaging equipment since 2016.

The company's technical team consists of people with master's and doctoral degrees and brilliant work experience in electronics, medical engineering, computer science, artificial intelligence and other related engineering disciplines.

The company now produces Video Colposcope, Electrical Impedance Tomography, Optical Mammography,Stress test cardiac system,

Smart All-in-One Medical Diagnostic Device and Extra-oral Suction System.

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