

Our Focus is Clear

Lutech is leading the way in Digital, High-definition Colposcope Systems.

As the first to bring high-definition technology to colposcopes, Lutech focuses on device quality, innovative features and documentation, customer satisfaction, and providing a more comfortable exam experience.

We understand that transitioning to a new system is a major decision. The LT-300HD Colposcope offers an ergonomically designed alternative to outdated optical systems.



LT-300HD Features

Ergonomic Design – A large integrated LCD screen replaces the traditional eye-piece for a more comfortable, less-invasive exam.

Crystal-Clear Digital Images – Capture HD resolution video and still images, hands-free with one click.

Auto-Focus, Green Filter & Adjustable Zoom – Advanced features deliver precise color values while intuitive auto adjustments can reduce exam time.

Seamless EMR Integration & Documentation – Easily capture images and insert them into your EMR with one click, avoiding costly software licensing and fees with the Lutech Viewer.

Reliable Customer Support & Training – Lutech's ongoing assistance and technical support makes the transition smooth and stress-free.





- High-Definition Imaging
- 30x Magnification
- Green/White Filters
- Anti-glare Lens
- LED Illumination

LT-300HD Specifications

Camera	1/2.8-type 2M STARVIS 2
Camera Resolution	High Definition 2.13 Megapixels
Integrated Display	5.5 inches
Focus	Manual/Auto
Lens	4.3mm-129.0mm
Depth of Field	F/1.6 to F/4.7 (4.3mm-129.0mm)
Optical Magnification	1~30
Digital Magnification	60~120
Light Source	Circular cool LED group light
Brightness	Adjustable, 14 levels
Green Filter	Adjustable, 70 levels
Output	HDMI(1080P60), USB3.0(1080P60)
Image Freeze	Yes (Camera, Remote, Foot Pedal)
Working Distance	5.1-15.7 inches
Remote	Yes
White Balance	Auto/Adjustable
Illumination	Max 10000 lx
Battery Power	2.5 Hours
Charging Time	3.5 Hours

Stand Options



The **Swing-arm Stand** organizes all components in one place and folds for easy storage.



The **Vertical Stand** is more compact and can easily move from room to room.

Both stands include USB 3.0, HDMI and Monitor ports.



Greater working distance allows clinicians to sit comfortably without hunching inward to the patient, providing a less invasive exam experience.

Intuitive controls are user-friendly and easy to operate. Use the foot pedal for one-click, hands-free image capture.

Large integrated display provides real-time, high-definition imaging.