

Wallach Colposcopes –  
More Choices,  
Exceptional Solutions

# Trulight™ Technology

WALLACH'S INNOVATIVE TRULIGHT™ LIGHTING SYSTEM INCORPORATES FIVE HIGH-INTENSITY, LONG-LIFE LIGHT EMITTING DIODES (LEDs) POSITIONED AROUND THE OBJECTIVE LENS FOR OPTIMAL COLPOSCOPIC EXAMINATIONS.

Precisely angled, the solid-state LED lights converge onto the target offering a brighter, whiter light for true tissue color. The center light is green and can be turned on at the touch of a switch for vascular pattern delineation.

- 5 solid-state bright LEDs
- Lights converge on target
- No need to frequently change a light bulb

**WALLACH**®  
Wallach works for you.



## You Have More Choices with Wallach Colposcopes...

Choose between Zoom series or Tri series colposcopes. Zoom series colposcopes provide a continuous, uninterrupted zoomed view from 4x to 20x magnification using high-quality Nikon optics. Tri series colposcopes step through three fixed magnifications of 8x, 13x, and 21x and features a built-in dual optical beamsplitter, which permits attachment of a digital camera and/or a co-observation teaching tube.

What kind of space or budgetary requirements do you have? Choose between an overhead articulating suspension arm with three or four legs or a traditional center post/five point base. The overhead articulating arm is especially useful for freeing up hands and arms during colposcopic procedures. Either way, Wallach colposcope stands are easy to maneuver yet sturdy enough to withstand the rigors of everyday use.

Need to document or otherwise save images? Choose either photo or non-photo colposcopy. You can opt to have Zoom series colposcopes custom-fitted with built-in USB cameras. Tri series colposcopes can be fitted with optional external USB cameras or, if you prefer, a Canon 18MP dSLR camera for the ultimate in high resolution images. Both systems will capture high-quality digital colposcopic images.



To learn more, call 800.243.2463 or visit us at [www.wallachsurgical.com](http://www.wallachsurgical.com)

### Trulight Specifications: Long-Life Light Emitting Diodes

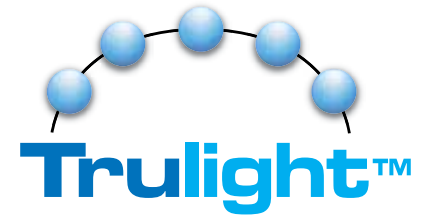
Power consumption	12W
Dominant wave length for green LED	Minimum value 525 nm (nanometers) Maximum value 540 nm (nanometers)

### Standard Optical Configurations – Tri Series

Objective lens (working distance)	300 mm
Total magnification	8x, 13x, 21x
Field of view	8.5x = 23.4 mm, 13.6x = 14.6 mm, 21.3x = 9.4 mm
Depth of field	8x = 3.1 mm, 13.6x = 1.2 mm, 21.3x = 0.9 mm
Ocular (eyepieces)	16x highpoint with locking diopters
Diopter adjustment	Independent adjustment with position locking -6/+4
Interpupillary range	54 mm to 80 mm
Tilt of viewing head	59 degrees
Binocular tube design	Straight
Binocular tube length	160 mm
Vessel delineation light	Yes

### Standard Optical Configurations – Zoom Series

Objective lens (working distance)	285 mm
Total magnification	4x – 20x
Field of view	51.95 mm – 12.12 mm
Depth of field	11.2
Ocular (eyepieces)	20x (field number 12)
Interpupillary range	54 mm to 75 mm
Tilt of viewing head	60 degrees
Binocular tube design	Greenbough
Binocular tube length	39 mm – 50 mm
Vessel delineation light	Yes
Objective type	Achromatic



### Scope Stand/Base Specifications

Maximum height	160 cm
Height of column	101.6 cm
Overall weight	27.9 kg
Center of column to center of scope with arm suspended	50.8 cm
Height of microscope with arm in lowest position	67.3 cm
Height of microscope with arm in highest position	116.8 cm
Fused power input	2-amps fast flow fuses (2x), 250V, 5 mm x 20 mm
Power requirements	100-200/200-240VAC, 50/60Hz, 100VA
Power cord supplied	120VAC medical grade

### Star Stand/Base Specifications

Maximum height	130 cm
Minimum height	102 cm
Overall weight	10.7 kg
Center of column to end of leg	30.5 cm
Height of microscope from floor	91.5 cm to 117 cm
Fused power input	2-amps fast flow fuses (2x), 250V, 5 mm x 20 mm
Power requirements	100-200/200-240VAC, 50/60Hz, 100VA
Power cord supplied	120VAC medical grade

## Wallach works for you.

Wallach Surgical offers industry-leading medical systems and instruments, including colposcopes, cryosurgical and electrosurgical units, digital and Doppler imaging devices, and a broad range of instruments and disposables that keep practices and hospitals running safely and smoothly.

Physicians have relied on our diverse product portfolio for more than 30 years. Moving forward, we are committed to expanding into new technologies, including our acquisition of Summit Doppler and our ongoing research and development efforts.

**WALLACH®**

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[www.wallachsurgical.com](http://www.wallachsurgical.com)

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