

# Viridian

# Cyprus

Stereo Microscopes



Cyprus Stereo Microscopes

## Viewing Heads



45° inclined viewing heads rotate 360°. Interpupillary distance adjustable from 54-76mm.

- Binocular
- Binocular with Detent (for measuring)
- Trinocular
- Trinocular with Detent (for measuring)

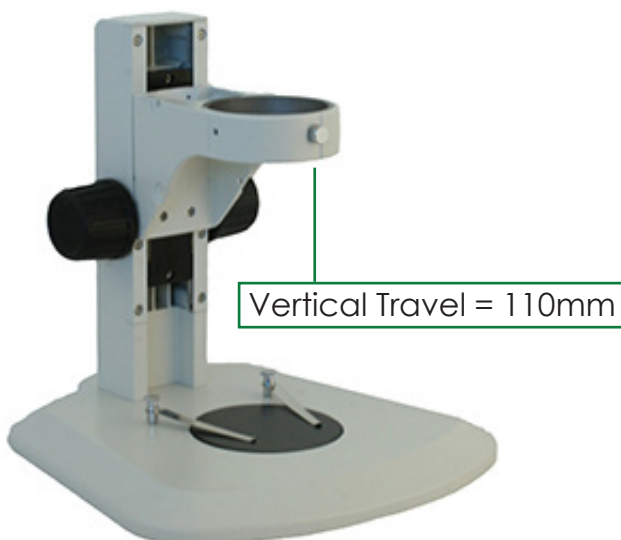
On trinocular models when beam splitter is engaged light is directed to the camera port and left eyetube (right eyetube goes dark).

## Focusing Holders

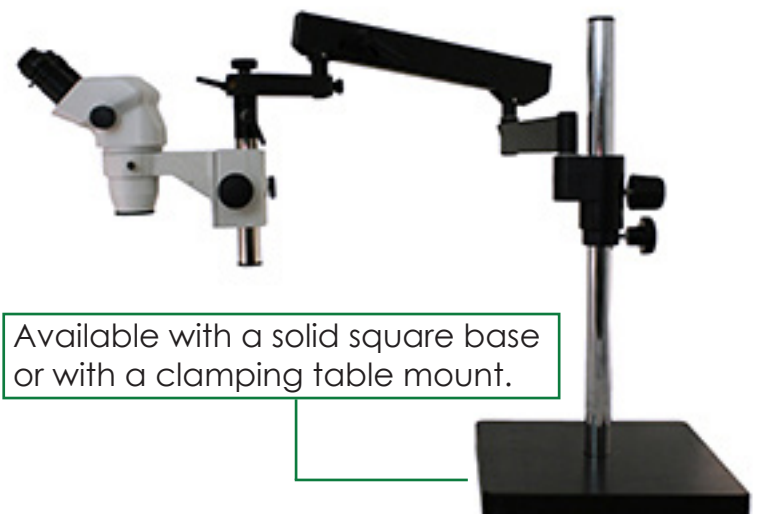
Two precision guide rack and pinion focusing holders are available, each with adjustable tension. Focus range of 50mm. Choose from coarse focus only or coarse and fine focus for more precision work at higher magnification. Post size Ø32mm, focus holder Ø76mm.



## Track Stand



## Articulated Arm Stand



# Microscope Stands



## Reflected & Transmitted LED Track Stand



## Boom Stand

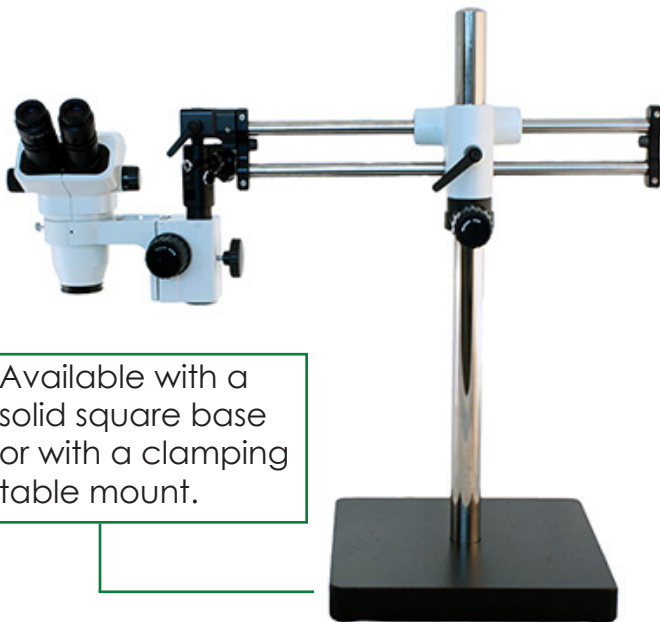


Available with a solid square base or with a clamping table mount.

Track stand with bright, LED illumination.

- Top LED light has 15 LEDs.
- Bottom LED light operates independent of top.
- 100~240V

## Ball Bearing Boom Stand



Available with a solid square base or with a clamping table mount.

## Post Stand

Low Profile Base



## Microscope Magnification Options

Auxiliary Lens	Working Distance	10x Eyepieces		15x Eyepieces		20x Eyepieces	
		Magnification	Field Size	Magnification	Field Size	Magnification	Field Size
1x (Built-In)	100mm	6.7x - 45x	32.8mm - 4.9mm	10.1x - 67.5x	23.9mm - 3.6mm	13.4x - 90x	17.9mm - 2.7mm
0.5x	177mm	3.4x - 22.5x	65.7mm - 9.8mm	5x - 33.8x	47.8mm - 7.1mm	6.7x - 45x	35.8mm - 5.3mm
1.5x	47mm	10.1x - 67.5x	21.9mm - 3.3mm	15.1x - 101.3x	15.9mm - 2.4mm	20.1x - 135x	11.9mm - 1.8mm
2x	26mm	13.4x - 90x	16.4mm - 2.4mm	20.1x - 135x	11.9mm - 1.8mm	26.8x - 180x	9mm - 1.3mm



### Auxiliary Lenses

Three auxiliary lenses are available for increasing working distance or adjusting magnification.

### Eyepieces

High eyepoint, widefield, focusable eyepieces:

- WF10x/22mm with reticle retaining ring.
- WF15x/16mm with reticle retaining ring.
- WF20x/12mm.



### C-Mount Adapters

Focusable c-mount camera adapters include:

- 0.35x focusing c-mount
- 0.5x focusing c-mount



# Illumination Options



## Dual LED Pipe Light



1



2



3

- 1 Stand alone LED dual pipe light
- 2 Track stand clamping LED dual pipe light
- 3 Post stand clamping LED dual pipe light

## 4-Quadrant LED Ring Light



## 150w Halogen Ring Light



## 150w Halogen Dual Pipe Light



## High Intensity LED Ring Light



<b>Optical System</b>	Greenough Optical System
<b>Viewing Head</b>	45° inclined binocular head rotates 360°. Interpupillary distance adjustable 54~76mm. Available with or without detent.
	45° inclined trinocular head rotates 360°. Interpupillary distance adjustable 54~76mm. Beam splitter sends light 100% to eyepieces or to left eyetube and camera port while right eyetube goes dark. Available with or without detent.
<b>Eyepieces</b>	WF10x-F widefield, high eyepoint, focusing 10x eyepieces, FN22, with reticle retaining ring for 24mm diameter reticle.
	WF15x-F widefield, high eyepoint, focusing 15x eyepieces, FN16, with reticle retaining ring for 24mm diameter reticle.
	WF20x-F widefield, high eyepoint, focusing 20x eyepieces, FN12.
<b>Objective Lenses</b>	Standard built-in objective: 0.67x - 4.5x zoom. 6.7:1 zoom ratio.
	Auxiliary objective 0.5x, WD = 177mm.
	Auxiliary objective 1.5x, WD = 47mm.
	Auxiliary objective 2.0x, WD = 26mm.
<b>Working Distance</b>	100mm. Can be adjusted to 26mm, 47mm or 177mm with auxiliary lenses.
<b>Focusing Holder</b>	Coarse Ø76mm focus holder, 50mm focus range, fits Ø32mm pillar.
	Coarse and fine Ø76mm focus holder, 50mm focus range, fits Ø32mm pillar.
<b>Stands</b>	TS track stand with ergonomic base. Vertical travel of 110mm. Includes Ø76mm coarse focus holder.
	ILST reflected and transmitted LED light track stand with ergonomic base. Top LED light has 15 LEDs. Rheostat control for both lights. Includes Ø76mm coarse focus holder. 110~240V.
	LPS low profile base post stand.
	BMSQ boom stand on large square base with arbor.
	AASQ articulated arm stand on square base with arbor.
	AAC articulated arm clamping stand with arbor.
	BBSQ ball bearing boom stand on large square base with arbor.
	BBC ball bearing clamping stand with arbor.
<b>Illuminators</b>	LDG dual pipe LED light available as stand alone or clamping for track stand or post stand. Each self-supporting pipe is 24". 110~240V.
	LEDR/4 LED ring light with 4-quadrant control. 72 LEDs, variable intensity. 100~240V.
	MW151P 150w halogen light box with dual pipe lights. Each self-supporting light guide is 21". 110~240V.
	MW151R 150w halogen light box with ring light. Flexible light guide is 40". 110~240V.
	MW153R high intensity 35w LED light box with ring light. Flexible light guide is 40". 110~240V.
<b>Ring Light Adapter</b>	RLA ring light adapter for connecting ring lights to Cyprus body.
<b>C-Mount Adapters</b>	Focusing c-mount adapters 0.35x and 0.5x.

