

# FAST SELECTION GUIDE



Models	14HE	14H	16H	24P	32P	32SS
Light path	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Screen size	14" (350mm) angled	14" (350mm) vertical	16" (400mm) vertical	24" (600mm) vertical	32" (800mm) vertical	32" (800mm) vertical
Standard image orientation *	Reversed	Erect	Erect	Erect	Erect	Fully Corrected
Stage size	16" x 4"	16" x 4"	18" x 5"	36" x 8"	36" x 8"	36" x 8"
Stage travel:						
X	8" (200mm)	8" (200mm)	10" (250mm)	18" (460mm)	18" (460mm)	18" (460mm)
Y	4" (100mm)	4" (100mm)	6" (150mm)	10" (250mm)	10" (250mm)	14" (355mm)
Z (Focus)	1.5" (38mm)	1.5" (38mm)	2" (50mm)	3" (75mm)	3" (75mm)	3" (75mm)
Weight capacity on stage	50 lbs (23 kg)	50 lbs (23 kg)	150 lbs (68 kg)	500 lbs (227 kg)	500 lbs (227 kg)	500 lbs (227 kg)
Optional stage travel in X axis	Not available	Not available	20" or 24"	24" (600mm)	24" (600mm)	24" (600mm)
Linear scale resolution	0.00025mm/.00001"	0.00025mm/.00001"	0.00025mm/.00001"	0.00025mm/.00001"	0.00025mm/.00001"	0.00025mm/.00001"
Internal edge detection	Optional	Optional	Optional	Optional	Optional	Optional
Motorized and CNC computer control	Not available	Not available	Optional	CNC Computer Control-Optional	CNC Computer Control-Optional	CNC Computer Control-Optional
Coaxial surface illumination	Not available	Not available	Not available	Not available	Not available	Standard
Surface illumination	Optional	Optional	Standard	Standard	Standard	Not applicable
Quick change single lens mount	Standard	Standard	Standard	Not available	Not available	Not available
Multiple lens selector (turret)	Not available	Not available	Not available	Standard	Standard	Standard
Optional lens choices: 1 Lens required	10x, 20x, 25x, 50x, 100x, 31.25x, 62.5x	10x, 20x, 25x, 50x, 100x, 31.25x, 62.5x	5x, 10x, 20x, 25x, 50x, 100x, 31.25x, 62.5x	5x, 10x, 20x, 25x, 50x, 100x, 200x 31.25x, 62.5x	5x, 10x, 20x, 25x, 50x, 100x, 31.25x, 62.5x	10x, 20x, 25x, 50x, 100x, 31.25x, 62.5x
Machine weight (Built to last)	230 lbs (105 kg)	250 lbs (113 kg)	460 lbs (209 kg)	2050 lbs (1338 kg)	3950 lbs (1792 kg)	5100 lbs (2313 kg)
Harsh environment package	Optional	Optional	Optional	Optional	Optional	Optional
Warranty	2 year limited	2 year limited	2 year limited	2 year limited	2 year limited	2 year limited

Contact us for a comparator demonstration.



Models	16VS	24LD
Light path	Vertical	Vertical
Screen size	16" (400mm) vertical	24" (600mm) angled
Standard image orientation	Reversed	Reversed
Stage size	15" x 10.5"	15" x 10.5"
Stage travel:		
X	8" (200mm)	8" (200mm)
Y	4" (100mm)	4" (100mm)
Z (Focus)	4" (100mm)	4" (100mm)
Weight capacity on stage / glass	75 lbs (34 kg)/15 lbs (7 kg)	50 lbs (23 kg)/15 lbs (7 kg)
Optional stage travel in X & Y axis	Up to 16" x 6"	Not Available
Linear scale resolution	0.0005mm/.00002"	0.0005mm/.00002"
Internal edge detection	Optional	Optional
Motorized and CNC computer control	Motorized Optional	Motorized Optional
Coaxial surface illumination	Optional	Not available
Surface illumination	Standard	Optional
Quick change single lens mount	Not available	Standard
Multiple lens selector (turret)	Standard	Not available
Optional lens choices: 1 Lens required	10x, 20x, 25x, 50x, 100x, 31.25x, 62.5x	5x, 10x, 20x, 25x, 50x, 100x, 31.25x, 62.5x
Machine weight (Built to last)	375 lbs (170 kg)	385 lbs (175 kg)
Harsh environment package	Optional	Optional
Warranty	2 year limited	2 year limited

## \* IMAGE ORIENTATION EXPLANATION

- R=R= Erect and correct "fully corrected"
- R=Я= Erect and reversed "erect"
- R=⊖= Correct and inverted "correct"
- R=⦶= Reversed and inverted "reversed"

If one of our standard comparator models does not suit your application, and your application requires special fixturing to hold your parts, contact us for a design and build proposal.