

STAND OPTIONS

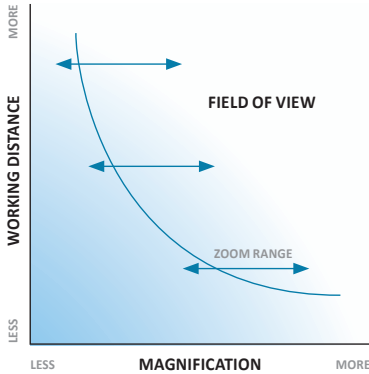
+ TECHNICAL INFORMATION

There are several factors that are inseparable when selecting **working magnification**. As magnification increases, **field of view** and **working distance** decrease.

Stand selection

Select the stand that best meets the needs of the task. Require space for large samples, special equipment or clean/clear work area?

Then select a boom stand or articulated arm. If light from below is required, choose a bench stand.



TECHNICAL INFORMATION



SX25 Elite

SX45 Elite

SX45-TR Elite

OPTICAL DATA

Standard magnification range	x10 - x45	x8 - x50	x8 - x50
Minimum / Maximum capable magnification	x5 - x180	x4 - x200	x4 - x200
Zoom ratio	4.5:1	6.3:1	6.3:1
Working distance (standard)	97mm	115mm	115mm
Working distance (maximum)	180mm	220mm	220mm
Optical principle	Greenough	Greenough	Greenough

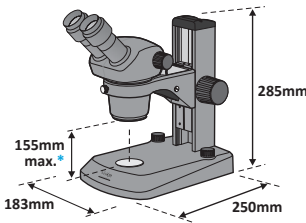
FEATURE DATA

Binocular eyepieces	✓	✓	✓
Trinocular camera port	-	-	✓
Eyepiece options	10x, 15x, 20x	10x, 15x, 20x	10x, 15x, 20x
Additional objective	0.5x, 0.75x, 2.0x	0.5x, 0.7x, 2.0x	0.5x, 0.7x, 2.0x

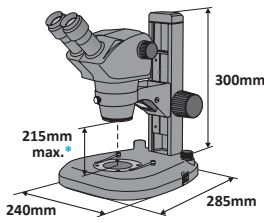
ACCESSORY OPTIONS

Image capture	-	-	✓
Imaging software	-	-	✓
Floating stage	-	✓	✓
Measurement comparison graticule	✓	✓	✓
Standard ring-light	✓	✓	✓
Quadrant ring-light	✓	✓	✓

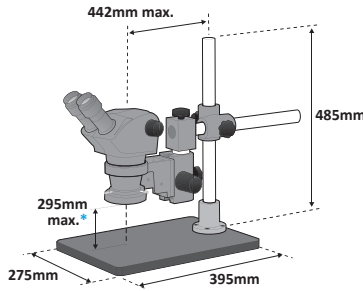
SX25 Elite bench stand



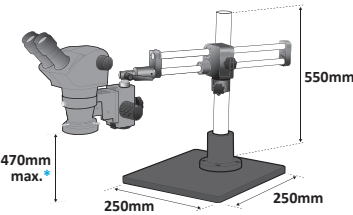
SX45 Elite bench stand



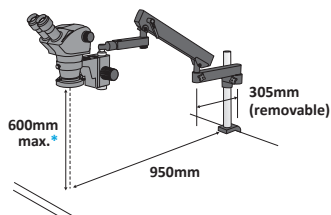
Single arm boom with base



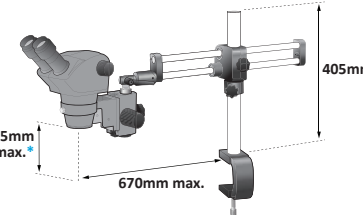
Double arm boom with base



Articulated arm boom with clamp



Double arm boom with clamp



*less working distance, with x1.0 objective

Stand options	SX25 Elite bench stand	SX45 Elite bench stand	Single arm boom with base	Double arm boom with base	Articulated arm boom with clamp	Double arm boom with clamp
SX25 Elite	✓	✓	✓	✓	✓	✓
SX45 Elite	-	✓	✓	✓	✓	✓
Sub stage illuminator	✓	✓	-	-	-	-
Incident illuminator	✓	✓	-	-	-	-
Height adjust	✓	✓	✓	✓	✓	✓
X/Y adjust	-	-	✓	✓	✓	✓
Floating stage compatible	-	✓	-	-	-	-
Ring light compatible	✓	✓	✓	✓	✓	✓

SX25 Elite optical configurations

Eyepieces	Objective Lens	Zoom Range	Working Distance
x10/20 E.W.	x0.5	x5 - x22.5	180mm
x10/20 E.W.	x0.75	x7.5 - x33.8	120mm
x10/20 E.W.	x1.0*	x10 - x45	97mm
x10/20 E.W.	x2.0	x20 - x90	30mm
x15/16 W.F.	x0.5	x7.5 - x33.6	180mm
x15/16 W.F.	x0.75	x11.3 - x50.6	120mm
x15/16 W.F.	x1.0*	x15 - x67.5	97mm
x15/16 W.F.	x2.0	x30 - x135	30mm
x20/11 W.F.	x0.5	x10 - x45	180mm
x20/11 W.F.	x0.75	x15 - x67.5	120mm
x20/11 W.F.	x1.0*	x20 - x90	97mm
x20/11 W.F.	x2.0	x40 - x180	30mm

*Standard objective

SX45 Elite optical configurations

Eyepieces	Objective Lens	Zoom Range	Working Distance
x10/22 F.N.	x0.5*	x4 - x25	220.6mm
x10/22 F.N.	x1.0	x8 - x50	115.0mm
x10/22 F.N.	x2.0	x16 - x100	57.5mm
x15/16 F.N.	x0.5*	x6 - x37.5	220.6mm
x15/16 F.N.	x1.0	x12 - x75	115.0mm
x15/16 F.N.	x2.0	x24 - x150	57.5mm
x20/13 F.N.	x0.5*	x8 - x50	220.6mm
x20/13 F.N.	x1.0	x16 - x100	115.0mm
x20/13 F.N.	x2.0	x32 - x200	57.5mm

*Stand extension required when using x0.5 objective lens with bench stand model to accommodate increased working distance