



VHX-S750E

Free-angle observation system (XYZ motorized stage, Z motorized focus)



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		VHX-S750E
XYθ stage	XY stage: Motorized/Manual	Motorized
	XY motorized stage motor	2-phase stepping motor
	XY motorized stage resolution	1 μm (typical)
	XY motorized stage movement speed	10 mm 0.39"/sec (max)
	XY-stage movement range	±20 mm ±0.79"
	θ rotation angle	±90°
	XYθ stage size	Top surface: 171 × 168 mm 6.73" × 6.61" (center disk: ø100 ø3.94")
	Transmitted lighting	20x or higher
Focus Z axis	Z stage: Motorized/Manual	Motorized
	Z motorized stage motor	5-phase stepper motor
	Z motorized stage resolution	0.1 μm (typical)
	Z motorized stage travel speed	17 mm 0.67" /sec (max)
	Z stage travel range	49 mm 1.93"
Stage Z axis	Z stage: Motorized/Manual	Motorized
	Z motorized stage motor	2-phase stepping motor
	Z motorized stage resolution	1 μm (typical)
	Z motorized stage travel speed	10 mm 0.39"/sec (max)
	Z stage travel range	50 mm 1.97"
Side camera		Yes, VGA
Load capacity		5 kg
Ratings	Power voltage	100 to 240 VAC ±10%, 50/60 Hz
	Power consumption	130 VA
Environmental resistance	Ambient temperature	+5 to 40°C +41 to 104 °F
	Relative humidity	20 to 80% RH (no condensation)
Weight		23.8 kg