




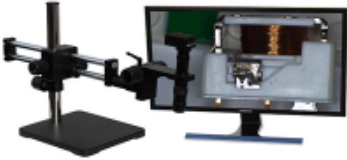












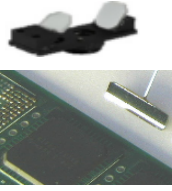
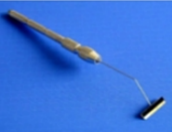



	4K102-LBSM28	4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital USB Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light, Basic Stand and 28 inch 4K UHD Monitor are included. Optional USB device for image&video capture and measurement software are not included.
	4K102-LABM28	4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital USB Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light, Articulating Arm Stand and 28 inch 4K UHD Monitor are included. Optional USB device for image&video capture and measurement software are not included.
	4K102-LUSM28	4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital USB Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light, Universal Stand and 28 inch 4K UHD Monitor are included. Optional USB device for image&video capture and measurement software are not included.
	4K102-LBSBLM28	4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital USB Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light, Basic Stand with BACK LIGHTING and 28 inch 4K UHD Monitor are included. Optional USB device for image&video capture and measurement software are not included.




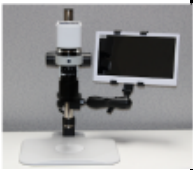

	<p>4K102-LBSBLM28m2525</p>	<p>4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital USB Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light, Basic Stand with BACK LIGHTING and XY (25mm x 25mm range) measurement Stage and 28 inch 4K UHD Monitor are included. Optional USB device for image&video capture and measurement software are not included.</p>
	<p>4K102-LTKm28</p>	<p>4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital USB Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light, Track Stand and 28 inch 4K UHD Monitor are included. Optional USB device for image&video capture and measurement software are not included.</p>
	<p>4K102-LDUm28</p>	<p>4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital USB Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light, Dual Baring Arm Stand and 28 inch 4K UHD Monitor are included. Optional USB device for image&video capture and measurement software are not included.</p>

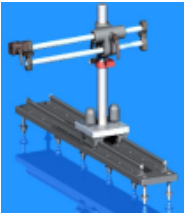


Other Options

	<p>4K-VCA</p>	<p>4K Video USB Capture Device</p>
	<p>HD800-MEAS</p>	<p>Measurement and direct viewing software via USB port on computer for HD802 systems</p>
	<p>SMC-MCR-CS</p>	<p>Stage Micrometer for Calibration (Inch: 1" to 0.1" to 0.01" to 0.001" and mm: 25mm to 1mm to 0.1mm to 0.02mm)</p>
	<p>SMC-814-NIST</p>	<p>Stage Micrometer for Calibration (Inch: 1" to 0.1" to 0.01" to 0.001" and mm: 25mm to 1mm to 0.1mm to 0.02mm). Including also NIST calibration certificate</p>
	<p>L002-RC-0-35x</p>	<p>0.35X Coupler</p>
	<p>L002-RC-0-5x</p>	<p>0.5X Coupler</p>
	<p>L002-RC-0-75x</p>	<p>0.75X Coupler</p>



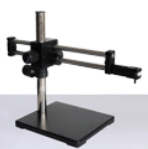


	L002-RC-1x	1X Coupler
	L002-RC-1-5x	1.5X Coupler
	RC-2x	Rear 2x Doubler. NO change in working distance
	L002-0-3x	0.3x Lens Adapter with Working Distance 331 mm (13")
	L002-0-5x	0.5x Lens Adapter with Working Distance 199 mm (7.8")
	L002-0-75x	0.75x Lens Adapter with Working Distance 131 mm (5.2")
	L002-1x	1x Lens Adapter with Working Distance 97.3 mm (3.8")
	L002-1-5x	1.5x Lens Adapter with Working Distance 61 mm (2.4")
	L002-2x	2x Lens Adapter with Working Distance 46.3 mm (1.8")
	L002-3D	35° Objective Angle Converter. Objective Converter Angle: 35°. Magnification of Objective Converter: 0.75X.
	L002-3D-BGA	35° Objective Angle Converter. Objective Converter Angle: 35°. Magnification of Objective Converter: 0.75X. Plus 45 degree angle mirror for BGA side view applicaton.
	BGA-M1	45 degree angle mirrow for BGA side view applicaton.
	L002-CX	Coaxial Lighting option assembly including halogen light source and light guide for coaxial light port.
	L002-POL	Polarizer ring light guide including also halogen light source.
	PL	Polarizer Lighting Option
	UV-LED	UV LED Ring Light (BLACK LIGHT) for conformal coating inspection (350-400nm)

	HD-SP-2	Focused High Intensity LED Lighting for Microscopy and Precision Tasks
	L002-b5-2x	2X Plan achromatic objective, working distance 34.6mm, focal length 100mm, N.A. 0.055, D.F. 91µm, FOV Ø12mm(Ø24 Eyepieces), Resolution 5µm 2X Infinity Corrected Long Working Distance Objective
	L002-5x	5X Plan achromatic objective, parfocal distance 95mm, working distance 44.5mm, focal length 40mm, N.A. 0.13 5X Infinity Corrected Long Working Distance Objective
	L002-10x	10X Plan achromatic objective, parfocal distance 95mm, working distance 34mm, focal length 21mm, N.A. 0.28 10X Infinity Corrected Long Working Distance Objective
	L002-20x	20X Plan achromatic objective, parfocal distance 95mm, working distance 31mm, focal length 10mm, N.A. 0.29 20X Infinity Corrected Long Working Distance Objective
	L002-50x	50X Plan achromatic objective, parfocal distance 95mm, working distance 20.5mm, focal length 4mm, N.A. 0.42 50X Infinity Corrected Long Working Distance Objective
	L002-100x	100X Plan achromatic objective, parfocal distance 95mm, working distance 12.5mm, focal length 2mm, N.A. 0.55 100X Infinity Corrected Long Working Distance Objective
	L002-NIR10x	10X Plan achromatic objective, working distance 34mm, focal length 20mm, N.A. 0.28, D.F. 3.5µm, FOV Ø2.4mm (Ø24 Eyepieces), Resolution 1µm, wavelength 400nm~1200nm 10X NIR Infinity Corrected Long Working Distance Objective
	L002-NIR20x	20X Plan achromatic objective, working distance 30.8mm, focal length 10mm, N.A. 0.29, D.F. 3.5µm, FOV Ø1.2mm (Ø24 Eyepieces), Resolution 1µm, wavelength 400nm~1200nm 20X NIR Infinity Corrected Long Working Distance Objective
	L002-NIR50x	50X Plan achromatic objective, working distance 20.5mm, focal length 4mm, N.A. 0.42, D.F. 1.6 µm, FOV Ø0.48mm (Ø24 Eyepieces), Resolution 0.7µm, wavelength 400nm~1200nm 50X NIR Infinity Corrected Long Working Distance Objective
	L002-b2-5x	infinity plan achromatic objective 5x Working distance 11.7mm, NA 0.15
	L002-b2-10x	infinity plan achromatic objective 10x Working distance 15.33mm, NA 0.3


	L002-b2-20x	infinity plan achromatic objective 20x Working distance 11.02mm, NA 0.4
	.002-b2-40x	infinity plan achromatic objective 40x Working distance 3.5mm, NA 0.6
	.002-b2-50x	infinity plan achromatic objective 50x Working distance 7.9mm, NA 0.55
	L002-b2-60x	infinity plan achromatic objective 60x Working distance 2.01mm, NA 0.7
	L002-b2-80x	infinity plan achromatic objective 80x Working distance 1.55mm, NA 0.75
	L002-b2-100x	infinity plan achromatic objective 100x Working distance 1.75mm, NA 0.8
	L002-RL#1	Ring light guide and 150W halogen light box substitution option (The LED ring light from the HD802 package would be removed.)
	L002-RL#2	Ring light guide and 150W halogen light box substitution option (The LED ring light from the HD802 package would be removed.) Schott light source and ring light guide.
	M12	11.6 inch Retina HD 1080p Display with HDMI input
	M24	24 inch HD 1080p Monitor with HDMI input
	M12-MT	Hardware for mounting M12 to the round post for improved ergonomics and adjustments.
	HD-PAD	HD-PAD with image capture and measurement grid.

	BB1212	Custom stand with 12" track, 12" Ball Bearing Horizontal Arm and 16" vertical pole for easy XY movement. (Camera Holder or TILTING Focus Block are not included.)
	2525M	Reflected light measuring stage: 135mm x 135mm (5.3"x5.3") platform with 95mm diameter glass insert with rotation 0-360 degree. Optional black/white insert. 25mm x 25mm (1"x1") x-y travel with LCD display. 1 micron (0.00005") resolution.
	XY-1515	Large 15.5"x15.5" (394mm x 394mm) roller bearing stage with 14"x11" (356mm x 279mm) X-Y travel. Black Anodized with X-Y lock down screws.


STAND AND STAGE OPTIONS:

	ST-102	Basic Stand and Focus Block with male 1/4-20 tip. 11.5"/292mm W x 9.25"/235mm D Metal Base. 32mm Diameter x 12"/305mm Height Pole plus 6"/152mm Extension. 95mm diameter black/white reversible center plate. Plus 9W 2U fluorescent lamp for bottom lighting
	MJ551	4"/102mm Pole Extension for ST-021 and ST-023
	20MM-16	16" Single vertical pole replacement for ST-021, ST-023.
	VPXX-20	Custom 20 mm diameter vertical posts - Cost per Inch Extension
	ST-025	Basic stand (15"/381mm W x 13"/330mm D Base) with Tilting Lockable vertical pole 16"/406mm. Including Focus Block.
	ST-027	Basic stand (15"/381mm W x 13"/330mm D Base) with Tilting Lockable vertical pole 16"/406mm. Including Focus Block with Fine and Coarse Adjustments.
	20MM-EXT	Custom extension per linear inch (For ST-030,031,080,081)
	ST-081	Dual Arm Boom Stand with Tilting Focus Block
	MA261101	75x56mm travel, with 116x96mm back light window. 95mm adapter is for stand base
	MA261102	Dimensions: 180X155X34mm, XY Travel distance: 75X55mm, dia. of glass: 95mm (360° free rotation)

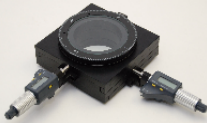
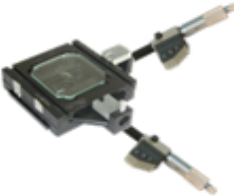

	MA262101	Manual Stage, dimensions 440x290x36mm, XY 300x250mm travel
	MA262102	Manual Stage, dimensions 380x230x36mm, XY 300x200mm travel
	XY-1515	Large 15.5"x15.5" (394mm x 394mm) roller bearing stage with 14"x11" (356mm x 279mm) X-Y travel. Black Anodized with X-Y lock down screws.
	XY-129	Large 12"x12" (305mm x 305mm) roller bearing stage with 8"x4" (203mm x 102mm) X-Y travel. Black Anodized with X-Y lock down screws.
	XY-1711	Large 17.3"x11.4" (439mm x 290mm) roller bearing stage with 11.8"x9.8" (300mm x 249mm) X-Y travel. Black Anodized.
	XY-564	Graduated Mechanical stage with 0.1mm graduations and coaxial controls for precise movement of mounted specimens. Features a 116mm x 137mm (4.6"x5.4") work surface with 50mm x 75mm (2"x3") X-Y travel.
	DSB-1	Double Sided SMT Board Holder with Tray
	XY-1212	12"X12" ESD Safe Top Stage with 4"x4" Co-axial Knob X-Y Movement Control For 3D-BGA
	Y14876	X-Y Stage - Height Adjustable - 6" x 6" 200mm (L) x 160mm (W) x 70mm (H) Suitable for manually adjusting focus
	Y14878	X-Y Stage - Height Adjustable - 8" x 8" 245mm (L) x 205mm (W) x 70mm (H) Suitable for manually adjusting focus
	Y14873	Oblique Tilting Stage 340mm (Diameter) x 120mm (H)
	BB1212	Custom stand with 12" track, 12" Ball Bearing Horizontal Arm and 16" vertical pole for easy XY movement. (Camera Holder or TILTING Focus Block are not included.)

	BB12ACV	Custom stand with 12" Ball Bearing Horizontal Arm and AC Motorized 1.5" dia. X 19.5" Z-axis Lead screw column (9.75" Travel). 10"x10"x1.25" Heavy Steel Base. Including TILTING Focus Block.
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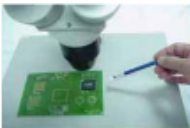
COMPUTER AND VIDEO OPTIONS



		CALL FOR CURRENT HDMI MONITOR PRICING
	LCD-VESA	LCD VESA Arm for mounting to round pole
	LCD-ARM	LCD Deskmount Monitor Arm - Black LCD Monitor not included.

XYZ MEASUREMENT STAGE OPTIONS

	Z-05	Z-Height Measurement Digimatic Meter Option 0.5"/12.7mm range and 1 micron (0.00004") resolution.
	2525M	Reflected light measuring stage: 135mm x 135mm (5.3"x5.3") platform with 95mm diameter glass insert with rotation 0-360 degree. Optional black/white insert. 25mm x 25mm (1"x1") x-y travel with LCD display. 1 micron (0.00005") resolution.
	5050M	2x2" Manual Measurement Stage. Range: 0-50mm, Resolution: 0.01mm (display 0.001), Accuracy: 0.005mm. Carbide measuring surfaces, large LCD for easy reading, absolute and incremental measurement conversion, Metric-Inch conversion, Data hold, one SR44W battery.
	5050MJ	Reflected light measuring stage: 150mm x 150mm (5.9"x5.9") top plate, with 50mm x 50mm (2"x2") x-y travel with LCD display. 1 micron (0.00004") accuracy.
	5050MJ-BL	Transmitted light (back lighting) measuring stage: 150mm x 150mm (5.9"x5.9") top plate, with 50mm x 50mm (2"x2") x-y travel with LCD display. 1 micron (0.00004") accuracy.

LIGHTING OPTIONS:

	BGA-M	BGA Mirror (0.7" width) Handheld
	L011	Long WD Ring Light Guide (SH) with 150W Halogen Light Source (TQ) For M400
	L012	Short WD Ring Light Guide (SH) with 150W Halogen Light Source (TQ) For U4200
	L014	Straight Light Guide (M) with 150W Halogne Light Source (TQ) For M400 Coaxial Light
	L015	Straight Light Guide (SH) with 150W Halogne Light Source (TQ) For U4200 Coaxial Light
	L022	Diffused Dome Ring Light Guide (M) with 100W Halogen Light Source (M) For M400
	L031	Short WD Ring Light Guide (SH) with 150W Halogen Light Source (SH) For U4200

	L032	Long WD Ring Light Guide (SH) with 150W Halogen Light Source (SH) For M400
	L033	Straight Light Guide (SH) with 150W Halogen Light Source (SH) For U4200 Coaxial Light
	MJ191	Dual Arm Fiber Illumination System with 150W Halogen Light Source
	L034	Dual Arm Fiber Illumination System with 150W Halogen Light Source (SH)
	V341103	LED Ring Light with Intensity Control Box
	B5210	Fluorescent Ring Light
	BL44-LS	4"X4" (102mm x 102mm) active area back light plate with 150W
	BL22-LS	2"X2" (51mm x 51mm) active area back light plate with 150W
	BL22-LED	2"x2" LED Back Light active area with adjustable brightness. 86x52x16mm outside dimension.
	YFOI-150-FOS	150W Light Source with 0.720" Input Diameter Opening for Schott Light Guide. 115V (TQ)
	YFOI-150-FOS-220	150W Light Source with 0.720" Input Diameter Opening for Schott Light Guide. 220V (TQ)
	YFOI 150	150W Light Source (Technique)
	YAN 2-36-01D	Ring Light Guide with 2.6" ID (Technique)
	YA20500	Schott Light Source, ACE, EKE, 115V
	YA20510	Schott Light Source, ACE, EKE, 230V
	A20970.1	LED Light Source
	YA08500	Gooseneck, Dual, Chrome 18"
	YA08400	Gooseneck, Single, Chrome 18"
	YA08080	Lens, Spot
	YA08071	Filter, Green, Dichroic
	YA08600	Ring Light Guide 47/62mm
	YA08660	Ring Light Guide 19/32.5mm, Long WD
	YA08650	Ring Light Guide 19/32.5mm, Short WD