















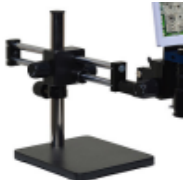
HD Digital Microscope Options



	mHD801-L	<p>HD801 (5x-122x on 24 inch HD monitor) Full HD 1080p Digital USB Microscope with LED ring light and diffuser glass. Capture images (6MP 3264x1840) and 1080p video to SD card. NO Computer needed. USB output to computer for video measurement (software included). 30fps@USB2.0 60fps@HDMI. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.) Easy Controls by Mouse.</p>
	mHD807-L	<p>HD801 (2x-100x on 24 inch HD monitor) Full HD 1080p Digital USB Microscope with LED ring light and diffuser glass. Capture images (6MP 3264x1840) and 1080p video to SD card. NO Computer needed. USB output to computer for video measurement (software included). 30fps@USB2.0 60fps@HDMI. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.) Easy Controls by Mouse.</p>
	FSHD4-L	<p>YSC FreeScope (2x-100x) HD 720p Digital Microscope with LED ring light and diffuser glass. HDMI and composite video outputs.</p>
	HDAF100	<p>YSC HDAF100 (12x-132x) Full HD 1080p HDMI Output Auto-Focus Digital Microscope including integrated LED lighting and Basic Stand. Single or Continouse Auto Focus feature and all camera functions can be controlled by the remoted control included. (Optional 1x-11x if using stand with taller working distance. Optional 207x-467x with multiplier lens). Magnification is changed by different working distance. HD 1080p Monitor NOT included.</p>
	HDAF900	<p>Auto-Focus HD 1080p Camera System with HDMI output. 2 Meter cable and controls panels. WD from 200mm (7.9") to 165mm (6.5"). Video Magnification from 2.5x to 105x on 24 inch monitor. (5+ Lens). Monitor NOT included.</p>

	HDAF800-VESA	Auto-Focus HD Camera System 1080p including VESA mounting holes and integrated LED lighting and controls panels. WD from 200mm (7.9") to 165mm (6.5"). Video Magnification from 2.5x to 105x on 24 inch monitor. (5+ Lens). USB Flash Drive to capture still image (1920x1080). NO computer needed. NO Monitor included. Contact us for detail price list for HDAF800
	mHD802-L	HD802 (17x-914x on 24 inch HD monitor) Full HD 1080p Digital USB Microscope. Capture images (6MP 3264x1840) and 1080p video to SD card. NO Computer needed. USB output to computer for video measurement (software included). 30fps@USB2.0 60fps@HDMI Lens adapters included are: 0.5x, 1x, 2x. Rear couplers included are: 0.5x and 1x. LED ring light included. Pricing can be reduced if don't need all adapters and rear couplers.
	4K101-L	4K101 (5x-122x on 28 inch UHD monitor) 4K Ultra HD Digital Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. LED ring light included. Optional USB device for image&video capture and measurement software are not included.
	4K102-L	4K102 (14x-740x on 28 inch UHD monitor) 4K Ultra HD Digital 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 included. Optional USB device for image&video capture and measurement software are not included.
	4K104-L	4K104 (58x-370x on 28 inch UHD monitor) 4K Ultra HD Digital Microscope. Capture still images (8MP 3840x2160) direct to micro SD card. NO Computer needed. LED ring light included. Optional USB device for image&video capture and measurement software are not included. Optional Lens adapters 0.3x, 0.4x, 0.5x, 0.7x, 1.4x, 2x and Rear 2x couplers included are NOT included.



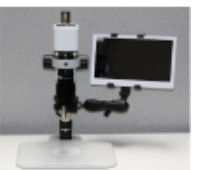

Stand Options

	BS	Basic Stand
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	BSBL	Basic Stand with Back Lighting
	US	Universal Stand
	AB	Articulating Arm Stand with Vertical Pole and Table Base
	AC	Articulating Arm Stand with Vertical Pole and Clamp
	AP	Articulating Arm Stand with Vertical Pole and Flange (hardware to bench top surface with screws)
	AR	Articulating Arm Stand with Clamp
	DU	Dual Sliding Bearing Arm Stand


	TL	Track Stand with LED Back Lighting
	BB1212	Custom stand with 12" track, 12" Ball Bearing Horizontal Arm and 16" vertical pole for easy XY movement.

Monitor Options


	M24	24 inch HD 1080p Monitor with HDMI input
	M12	11.6 inch Retina HD 1080p Display with HDMI input
	M12-MT	Hardware for mounting M12 to the round post for improved ergonomics and adjustments.
	M28	28 inch Ultra HD 4K Monitor with HDMI input

Other Options

	PL	Polarizer Lighting Option
	UV-LED	UV LED Ring Light (BLACK LIGHT) for conformal coating inspection (350-400nm)


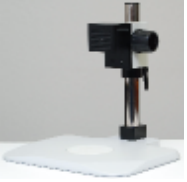

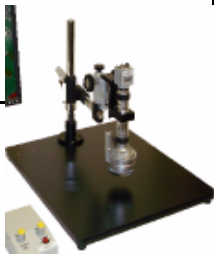



	HD-SP-2	Focused High Intensity LED Lighting for Microscopy and Precision Tasks
	HD800-MEAS	Measurement and direct viewing software via USB port on computer for HD801 systems (\$399 value) STANDARD.
	SMC-MCR-CS	Stage Micrometer for Calibration (Inch: 1" to 0.1" to 0.01" to 0.001" and mm: 25mm to 1mm to 0.1mm to 0.02mm)
	SMC-814-NIST	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
	RC-2x	Rear 2x Doubler. NO change in working distance
	L001-1.5x	1.5x lens adapter [Working Distance reduces to approximate 53mm (2.1 inch) for 3.2 to 19mm (0.13 to 0.75 inch) DFOV]

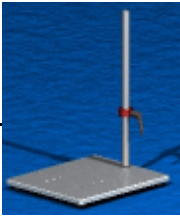
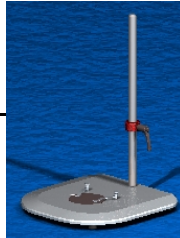
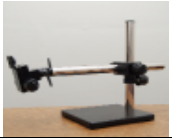





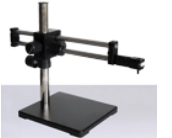
	HD-CAP-e	External box for image and video capture to USB drive or SD card. USB drive included. Connections are HDMI input/output. NO computer needed.
	USB-HDMI-MS	USB capture device with HDMI input with measurement software.
	USB-HDMI4K-MS	USB capture device with HDMI input for 4K camera with measurement software.
	VIC-USB	USB 2.0 Video Capture Device for S-video and Composite inputs. Images files can be saves as .jpg. Windows Xp and Vista 32bit. [CUSTOMER TO SUPPLY THEIR OWN COMPUTER]
	CH-HDMI	8 Line CrossLine (Cross Hair) Generator - 8 lines, 4H, 4V with 4 controls (HDMI)
	HD-PAD	HD-PAD with image capture and measurement grid.
	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.








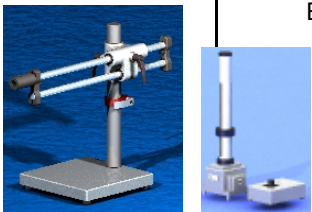
	FS-LASER	Laser Pointer
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STAND AND STAGE OPTIONS: [Not for U4200]

	Y14843	<p>X-Y Stage 175mm (L) x 180mm (W) x 51mm (H) Coaxial control knobs Movement: 100 mm (X) x 86mm (Y) Clamps for securing slides or other objects</p>
	Y14844	<p>X-Y Stage - Transparent for Backlight & Scale 160mm (L) x 188mm (W) x 64mm (H) Coaxial control knobs Movement: 76 mm (X) x 65mm (Y) Clamps for securing slides or other objects Transparent stage for backlight, and Metric scale</p>
	Y14872	<p>X-Y Stage - Large 420mm (L) x 455mm (W) x 55mm (H) Ball bearing slide for smooth movement Lock mechanism for both X and Y directions</p>
	XY-1515	<p>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.</p>
	Y14876	<p>X-Y Stage - Height Adjustable - 6" x 6" 200mm (L) x 160mm (W) x 70mm (H) Suitable for manually adjusting focus</p>
	Y14878	<p>X-Y Stage - Height Adjustable - 8" x 8" 245mm (L) x 205mm (W) x 70mm (H) Suitable for manually adjusting focus</p>
	Y14873	<p>Oblique Tilting Stage 340mm (Diameter) x 120mm (H)</p>


	MA261104	Adjusting Level Stage Tilt Stage Diameter: 110mm. 0~45° Inclined within the Range of 360°.
	ST-101	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.
	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
	ST-010	Large base stand (20"/508mm W x 23"/584mm D) with adjustable horizontal arm (19"/483mm) and vertical pole (15"/381mm) can easily handle different board sizes from small to large. Including Focus Block.
	ST-011	Large base stand (20"/508mm W x 23"/584mm D) with adjustable horizontal arm (19"/483mm) and vertical pole (15"/381mm) can easily handle different board sizes from small to large. Including Focus Block with Fine and Coarse Adjustments.
	ST-012	Large Base Stand (20"/508mm W x 23"/584mm D) with adjustable horizontal arm (19"/483mm) and vertical pole (15"/381mm) AND Tilting Head Focus Block for Adjustable Straight and Oblique Angle Viewing, can easily handle different board sizes from small to large.
	ST-021	Basic stand (15"/381mm W x 13"/330mm D Base) with vertical pole 12"/305mm (8"/203mm + 4"/102mm Extension). Including Focus Block.
	ST-023	Basic stand (15"/381mm W x 13"/330mm D Base) with vertical pole 12"/305mm (8"/203mm + 4"/102mm Extension). Including Focus Block with Fine and Coarse Adjustments.
	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.

	ST-030	Basic stand (11"/279mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block.
	ST-031	Basic stand (11"/279mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block with Fine and Coarse Adjustments.
	ST-080	Basic stand (13"/330mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block.
	ST-081	Basic stand (13"/330mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block with Fine and Coarse Adjustments.
	20MM-EXT	Custom extension per linear inch (For ST-030,031,080,081)
	ST-041	Universal Boom Stand 26"/660mm Horizontal Pole, 15.5"/394mm Vertical Pole, 10.5"/267mm x 11.5"/292mm Base with TILTING Focus Block
	EX-9	9"/229mm vertical extension for ST-041
	ST-045	Universal Boom Stand 26"/660mm Horizontal Pole, 15.5"/394mm Vertical Pole, 10.5"/267mm x 11.5"/292mm Base with TILTING Camera Mount
	ST-051	Adjustable articulating flexible arm clamp stand with TILTING Focus Block
	ST-055	Adjustable articulating flexible arm clamp stand with TILTING Camera Mount
	ST-061	Stand with 20mm(OD) x 12"/305mm Pole, Precision Coaxial Coarse/Fine Focus Block, 172mm/6.8" X 130mm/5.1" top plate and coaxial knobs control for 100mm/3.9" x 100mm/3.9" x-y travel For 3D-5040 or M400
	ST-071	Articulating Viewing with adjustable articulating flexible arm table stand with 380mm/15" vertical pole with TILTING Focus Block [Recommended for customer who needs high vertical clearance]
	ST-075	Articulating Viewing with adjustable articulating flexible arm table stand with 380mm/15" vertical pole with TILTING Camera Mount [Recommended for customer who needs high vertical clearance]
	ST-081	Dual Arm Boom Stand with Tilting Focus Block

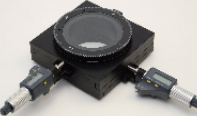
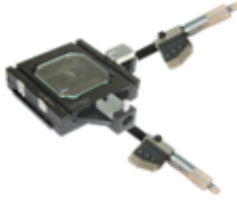

	MA261101	75x56mm travel, with 116x96mm back light window. 95mm adapter is for stand base
	MA261102	Dimensions: 180X155X34mm, XY Travel distance: 75X55mm, dia. of glass: 95mm (360° free rotation)
	MA262101	Manual Stage, dimensions 440x290x36mm, XY 300x250mm travel
	MA262102	Manual Stage, dimensions 380x230x36mm, 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
	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.

COMPUTER AND VIDEO OPTIONS

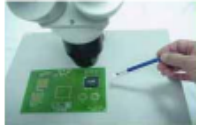

		CALL FOR CURRENT HDMI MONITOR PRICING
	LCD-VESA	LCD VESA Arm for mounting to round pole


	LCD-ARM	LCD Deskmount Monitor Arm - Black LCD Monitor not included.
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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 Halogen Light Source (TQ) For M400 Coaxial Light
	L015	Straight Light Guide (SH) with 150W Halogen 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 halogen
	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 (Techniquip)
	YAN-2-36-01D	Ring Light Guide with 2.6" ID (Techniquip)
	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

Pricings and Specifications subject to change without notice