

eHD801-LBS	HD801 (5x-122x on 24 inch HD monitor) Full HD 1080p Digital USB Microscope. Capture images (5MP 2592×1944) and 1080p video to SD card. NO Computer needed. USB output to computer for video measurement (software included). 15fps@USB2.0 15fps@HDMI LED ring light, Basic Stand are included.
HD801-LBS	HD801 (5x-122x 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 LED ring light, Basic Stand are included.
HD801-LBSM24	HD801 (5x-122x 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 LED ring light, Basic Stand and 24 inch HD 1080p Monitor are included.
mHD801-LBSM24	HD801 (5x-122x 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 LED ring light, Basic Stand and 24 inch HD 1080p Monitor are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
HDAF201-LBSM24	HDAF201 (5x-122x on 24 inch HD monitor) Full HD 1080p Auto- Focus Digital HD Microscope. Capture images (2M) and 1080p video to micro-SD card. NO Computer needed. LED ring light, Basic Stand and 24 inch HD 1080p Monitor are included. Auto- focus can be changed to manual-focus. Optional measurment software using USB3.0 device sold separately.
eHD801-LAB	HD801 (5x-122x on 24 inch HD monitor) Full HD 1080p Digital USB Microscope. Capture images (5MP 2592×1944) and 1080p video to SD card. NO Computer needed. USB output to computer for video measurement (software included). 15fps@USB2.0 15fps@HDMI LED ring light, Articulating Arm Stand are included.

		HD801 (5x-122x 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 LED ring light, Articulating Arm Stand are included.
000	HD801-LABM24	HD801 (5x-122x 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 LED ring light, Articulating Arm Stand and 24 inch HD 1080p Monitor are included.
000	mHD801-LABM24	HD801 (5x-122x 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 LED ring light, Articulating Arm Stand and 24 inch HD 1080p Monitor are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
000	HDAF201-LABM24	HDAF201 (5x-122x on 24 inch HD monitor) Full HD 1080p Auto- Focus Digital HD Microscope. Capture images (2M) and 1080p video to micro-SD card. NO Computer needed. LED ring light, Articulating Arm Stand and 24 inch HD 1080p Monitor are included. Auto-focus can be changed to manual-focus. Optional measurment software using USB3.0 device sold separately.
	eHD801-LUS	HD801 (5x-122x on 24 inch HD monitor) Full HD 1080p Digital USB Microscope. Capture images (5MP 2592×1944) and 1080p video to SD card. NO Computer needed. USB output to computer for video measurement (software included). 15fps@USB2.0 15fps@HDMI LED ring light, Universal Stand are included.
	HD801-LUS	HD801 (5x-122x 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 LED ring light, Universal Stand are included.

-	HD801-LUSM24	HD801 (5x-122x 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 LED ring light, Universal Stand and 24 inch HD 1080p Monitor are included.
	mHD801-LUSM24	HD801 (5x-122x 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 LED ring light, Universal Stand and 24 inch HD 1080p Monitor are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
1	HDAF201-LUSM24	HDAF201 (5x-122x on 24 inch HD monitor) Full HD 1080p Auto- Focus Digital HD Microscope. Capture images (2M) and 1080p video to micro-SD card. NO Computer needed. LED ring light, Universal Stand and 24 inch HD 1080p Monitor are included. Auto-focus can be changed to manual-focus. Optional measurment software using USB3.0 device sold separately.
000	HD801-LDUM24	HD801 (5x-122x 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 LED ring light, Dual Gliding Arm Stand and 24 inch HD 1080p Monitor are included.
00	mHD801-LDUM24	HD801 (5x-122x 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 LED ring light, Dual Gliding Arm Stand and 24 inch HD 1080p Monitor are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
	eHD801-LBSBL	HD801 (5x-122x on 24 inch HD monitor) Full HD 1080p Digital USB Microscope. Capture images (5MP 2592×1944) and 1080p video to SD card. NO Computer needed. USB output to computer for video measurement (software included). 15fps@USB2.0 15fps@HDMI LED ring light, Basic Stand WITH BACK LIGHTING are included.

HD801-LBSBL	HD801 (5x-122x 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 LED ring light, Basic Stand WITH BACK LIGHTING are included.
HD801-LBSBLM24	HD801 (5x-122x 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 LED ring light, Basic Stand WITH BACK LIGHTING and 24 inch HD 1080p Monitor are included.
mHD801-LBSBLM24	HD801 (5x-122x 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 LED ring light, Basic Stand WITH BACK LIGHTING and 24 inch HD 1080p Monitor are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
HDAF201-LBSBLM24	HDAF201 (5x-122x on 24 inch HD monitor) Full HD 1080p Auto- Focus Digital HD Microscope. Capture images (2M) and 1080p video to micro-SD card. NO Computer needed. LED ring light, Basic Stand WITH BACK LIGHTING and 24 inch HD 1080p Monitor are included. Auto-focus can be changed to manual- focus. Optional measurment software using USB3.0 device sold separately.
 ac	Articulating Arm with 15" height Verical Pole Clamp Type Stand Substitution (for example, p/n mHD801-LabM24 would become mHD801-LacM24) ADD to above -AB and -US stand types.
ap	Articulating Arm with 15" height Verical Pole Bolted Screw Type Substitution (for example, p/n mHD801-LabM24 would become mHD801-LapM24) ADD to above -AB and -US stand

bb	Custom stand with 12" track, 12" Ball Bearing Horizontal Arm and 16" vertical pole for easy XY movement Substitution (for example, p/n mHD801-LabM24 would become mHD801- LbbM24) ADD to above -AB and -US stand
HD801-LABm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Articulating Arm Stand and 11.6 inch Retina HD 1080p Display are included.
mHD801-LABm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Articulating Arm Stand and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
HD801-LUSm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Universal Stand and 11.6 inch Retina HD 1080p Display are included.
mHD801-LUSm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Universal Stand and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
HD801-LDUm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Dual Gliding Arm Stand and 11.6 inch Retina HD 1080p Display are included.

mHD801-LDUm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Dual Gliding Arm Stand and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
HD801-LBSm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Basic Stand and 11.6 inch Retina HD 1080p Display are included.
mHD801-LBSm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Basic Stand and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
HD801-LBSBLm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Basic Stand with BACK LIGHTING and 11.6 inch Retina HD 1080p Display are included.
mHD801-LBSBLm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Basic Stand with BACK LIGHTING and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
HD801-LBSm12XY	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Basic Stand with X-Y MEASUREMENT STAGE and 11.6 inch Retina HD 1080p Display are included.

	mHD801-LBSm12XY	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Basic Stand with X-Y MEASUREMENT STAGE and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
	HD801-LACm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Articulating Arm with 15" height Verical Pole Clamp Type Stand and 11.6 inch Retina HD 1080p Display are included.
	mHD801-LACm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Articulating Arm with 15" height Verical Pole Clamp Type Stand and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
	HD801-LAPm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Articulating Arm with 15" height Verical Pole Bolted Screw Type Stand and 11.6 inch Retina HD 1080p Display are included.
- 1	mHD801-LAPm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Articulating Arm with 15" height Verical Pole Bolted Screw Type Stand and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
	HD801-LBBm12	HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Custom stand with 12" track, 12" Ball Bearing Horizontal Arm and 16" vertical pole for easy XY movement and 11.6 inch Retina HD 1080p Display are included.

mH		HD801 (2x-59x on 11.6 inch Retina HD 1080p Display) 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 LED ring light, Custom stand with 12" track, 12" Ball Bearing Horizontal Arm and 16" vertical pole for easy XY movement and 11.6 inch Retina HD 1080p Display are included. Intelligent Intergrated Measurement Tools inside Camera (NO computer needed.)
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Other Options

	PL	Polarizer Lighting Option
0	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]
	M12	11.6 inch Retina HD 1080p Display with HDMI input
00	M24	24 inch HD 1080p Monitor with HDMI input
	M12-MT	Hardware for mounting M12 to the round post for improved ergonomics and adjustments.

	USD 2.0 doutes for 1000n UD image and video conture with
USB3-002-HDMI-HD	USB 3.0 device for 1080p HD image and video capture with measurement software (USB3.0 60 fps)
HD-PAD	HD-PAD with image capture and measurement grid.
HD80W	HD 1080P Camera 60 fps. Capture still image and motion video to SD card. USB output for computer viewing and video mesurment software. Custom Lens for 16"x16" FOV and bracket with female 1/4-20.
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.
FS-LASER	Laser Pointer

STAND AND STAGE OPTIONS: [Not for U4200]

	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
	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

	Y14872 XY-1515	 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 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.
	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	<i>Oblique Tilting Stage</i> 340mm (Diameter) x 120mm (H)
	MA261104	Adjusting Level Stage Tilt Stage Diameter: 110mm. 0~45° Inclined within the Range of 360°.
Ť	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-012 Large Base Stand (207508mm W x 237594mm D) with adjustable horizontal arm (197483mm) and vertical pole (157381mm) AND Tilling Head Focus Block for Adjustable Straight and Oblique Angle Viewing, can easily handle different board sizes from small to large. ST-012 Basic stand (157381mm W x 137330mm D Base) with vertical pole (127305mm (87203mm + 47102mm Extension). Including Focus Block with Fine and Coarse Adjustments. ST-021 Basic stand (157381mm W x 137330mm D Base) with vertical pole 127305mm (87203mm + 47102mm Extension). Including Focus Block with Fine and Coarse Adjustments. ST-023 Basic stand (157381mm W x 137330mm D Base) with vertical pole 127305mm (87203mm + 47102mm Extension). Including Focus Block with Fine and Coarse Adjustments. MU551 47102mm Pole Extension for ST-021 and ST-023 VPXX-20 Custom 20 mm diameter vertical pole replacement for ST-021, ST-023. VPXX-20 Custom 20 mm diameter vertical poles - Cost per Inch Extension ST-025 Basic stand (157381mm W x 137330mm D Base) with Tilting Lockable vertical pole 167406mm. Including Focus Block. ST-026 ST-027 Basic stand (157381mm W x 137330mm D Metal Base) with vertical pole (167406mm x 20mm diameter). Including Focus Block. ST-027 Basic stand (117279mm W x 137330mm D Metal Base) with vertical pole (167406mm x 20mm diameter). Including Focus Block. ST-030 Basic stand (117279mm W x 137330mm D Metal Base) with vertical pole (167406mm x 20mm diameter). 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
brizzottal arm (19"/483mm) and vertical pole (15"/381mm) AND Titling 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 QMM-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 Titling Lockable vertical pole 16"/406mm. Including Focus Block. ST-026 ST-027 Basic stand (15"/381mm W x 13"/330mm D Base) with Titling Lockable vertical pole 16"/406mm. Including Focus Block. ST-027 Basic stand (11"/279mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block. 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. ST-031 Basic stand (11"/279mm W x 13"/330mm D Metal Base) with vertical po			handle different board sizes from small to large. Including Focus Block with Fine and Coarse Adjustments.
12"/305mm (8"/203mm + 4"/102mm Extension). Including Focus Block. 12"/305mm (8"/203mm + 4"/102mm Extension). Including Focus Block with Fine and Coarse Adjustments. 12"/305mm (8"/203mm + 4"/102mm Extension). Including Focus Block with Fine and Coarse Adjustments. 14"/102mm Pole Extension for ST-021 and ST-023 10"/10"/10"/10"/10"/10"/10"/10"/10"/10"/			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.
Image: String		ST-021	
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-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-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			12"/305mm (8"/203mm + 4"/102mm Extension). Including Focus Block with
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-027 Basic stand (11"/279mm W x 13"/330mm D Metal Base) with 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. ST-031 Basic stand (13"/330mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block. 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. 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. ZOMM-EXT Custom extension per linear inch (For ST-030,031,080,081) NT-041 Universal Boom Stand 26"/660mm Horizontal Pole, 1			
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-027 Basic stand (11"/279mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block. 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-031 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. 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. Z0MM-EXT Custom extension per linear inch (For ST-030,031,080,081) NT-041 Universal Boom Stand 26"/660mm Horizontal Pole, 15.5"/394mm Vertical			
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-027 Basic stand (11"/279mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block. 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-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-031 Basic stand (13"/330mm W x 13"/330mm D Metal Base) with vertical pole (16"/406mm x 20mm diameter). Including Focus Block. 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) Universal Boom Stand 26"/660mm Horizontal Pole, 15.5"/394mm Vertical			Custom 20 mm diameter vertical posts - Cost per Inch Extension
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-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. 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) NT-041 Universal Boom Stand 26"/660mm Horizontal Pole, 15.5"/394mm Vertical		ST-025	· · · · · · · · · · · · · · · · · · ·
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-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) NT-081 ST-041		ST-027	vertical pole 16"/406mm. Including Focus Block with Fine and Coarse
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	*	ST-030	
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		ST-031	pole (16"/406mm x 20mm diameter). Including Focus Block with Fine
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		ST-080	pole (16"/406mm x 20mm diameter). Including Focus Block.
ST-041 Universal Boom Stand 26"/660mm Horizontal Pole, 15.5"/394mm 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)
	10+ +	ST-041	
EX-9 9"/229mm vertical extension for ST-041		EX-9	9"/229mm vertical extension for ST-041

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	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
1°	ST-051	Adjustable articulating flexible arm clamp stand with TILTING Focus Block
	ST-055	Adjustable articulating flexible arm clamp stand with TILTING Camera Mount
8	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
11 -1	MA261101	75x56mm travel, with 116×96mm 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 XY-129	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. 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.

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:

LIGHTING OP		
	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 Halogne Light Source (SH) For U4200 Coaxial Light
$\sim \bigcirc$	MJ191	Dual Arm Fiber Illumination System with 150W Halogen Light Source
1 X 2	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-OID	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