

## BASE PLATES & TABLE STANDS

142-100-22	CUSTOM Base Plate, 18 x 22, Flat & Annodized, Rubber Feet, Stage Riser, Post Holes	\$1,011.00
142-100-24	CUSTOM Base Plate, 14 x 24, Flat & Annodized, Rubber Feet, Stage Riser, Post Holes	\$840.00
142-100-28	CUSTOM Base Plate, 18 x 28, Flat & Annodized, Rubber Feet, Stage Riser, Post Holes	\$1,289.00
142-101-00	Table Stand for 3-6in Stages	\$194.00
142-101-80	Table Stand for 8in Stages	\$240.00
142-101-90	Table Stand for 12in Stages	\$382.00

## D102 MICROSCOPE STANDS

*A microscope/focus block adapter must be specified (see 10-26###.## or for none specify 10-2600.00).*

142-102-00	D-102-6 Stand, Plain (3-6in stages)	\$415.00
142-102-80	D-102-8 Stand, Plain (fits up to 8in stage)	\$644.00
142-103-00	D-102-6 Stand, Transmitted Brightfield, for use w/Fiber-Optic Illuminator (3-6in stages)	\$679.00
142-103-80	D-102-8 Stand, Transmitted Brightfield, for use w/Fiber-Optic Illuminator (fits up to 8in stage)	\$908.00

## SCOPE/FOCUS BLOCK ADAPTERS for D102 STANDS

142-130-00	Wild M400-450 -- 25mm Round Post & L-Arm (D102-6 stands)	\$371.00
142-130-80	Wild M400-450 -- 25mm Round Post & L-Arm (D102-8 stands)	\$430.00
142-132-00	Leica MZ /GZ-- L-Arm for 3-hole mount Leica Post (D102-6 stands)	\$216.00
142-132-80	Leica MZ /GZ-- L-Arm for 3-hole mount Leica Post (D102-8 stands)	\$273.00
142-134-80	Leica M165/205 -- L-Arm for 4-hole mount Leica Post (D102-8 stands)	\$273.00
142-140-00	Meiji EM Series (except FK focus block) -- 20mm Round Post & L-Arm (D102-6 stands)	\$371.00
142-140-80	Meiji EM Series (except FK focus block) -- 20mm Round Post & L-Arm (D102-8 stands)	\$430.00
142-141-00	Meiji FU1000 -- Rigid Dovetail Post & Adapter (D102-6 stands)	\$856.00
142-141-80	Meiji FU1000 -- Rigid Dovetail Post & Adapter (D102-8 stands)	\$915.00
142-141-87	Meiji FU1000 -- Knob-Crank Dovetail Post, 12in Z-travel, and Adapter (D102-8 stands)	\$2,145.00
142-145-00	Motic FS03/04 -- 32mm Round Post & L-Arm (D102-6 stands)	\$406.00
142-145-80	Motic FS03/04 -- 32mm Round Post & L-Arm (D102-8 stands)	\$461.00
142-150-00	Mitutoyo FS60/70 -- Rigid Dovetail Post & Adapter (D102-6 stands)	\$856.00
142-150-80	Mitutoyo FS60/70 -- Rigid Dovetail Post & Adapter (D102-8 stands)	\$915.00
142-150-87	Mitutoyo FS60/70 -- Knob-Crank Dovetail Post, 12in Z-travel, and Adapter (D102-8 stands)	\$2,145.00
142-155-00	Nissho -- 24.5mm Round Post & L-Arm (D102-6 stands)	\$371.00
142-155-80	Nissho -- 24.5mm Round Post & L-Arm (D102-8 stands)	\$430.00
142-160-00	Nikon SMZ 2-10 -- 24.5mm Round Post & L-Arm (D102-6 stands)	\$371.00
142-160-80	Nikon SMZ 2-10 -- 24.5mm Round Post & L-Arm (D102-8 stands)	\$430.00
142-161-00	Nikon Focus Block -- Rigid Dovetail Post & Adapter (D102-6 stands)	\$856.00
142-161-80	Nikon Focus Block -- Rigid Dovetail Post & Adapter (D102-8 stands)	\$915.00
142-161-87	Nikon Focus Block -- Knob-Crank Dovetail Post, 12in Z-travel, and Adapter (D102-8 stands)	\$2,145.00
142-162-00	Nikon SMZU/800/1000/1500 -- 32mm Round Post & L-Arm (D102-6 stands)	\$406.00
142-162-80	Nikon SMZU/800/1000/1500 -- 32mm Round Post & L-Arm (D102-8 stands)	\$461.00
142-163-00	Nikon Bonder/E-Arm -- Rigid Dovetail Post & Adapter (D102-6 stands)	\$730.00
142-163-80	Nikon Bonder/E-Arm -- Rigid Dovetail Post & Adapter (D102-8 stands)	\$789.00
142-163-87	Nikon Bonder/E-Arm -- Knob-Crank Dovetail Post, 12in Z-travel, and Adapter (D102-8 stands)	\$2,019.00
142-170-00	Olympus BHMJ -- Dovetail Post & 22mm Rnd Post Adptr (D102-6 stands)	\$931.00
142-170-80	Olympus BHMJ -- Dovetail Post & 22mm Rnd Post Adptr (D102-8 stands)	\$989.00
142-170-87	Olympus BHMJ -- Knob-Crank Dovetail Post, 12in Z-trav, 22mm Rnd Pst Adptr (D102-8 stnd)	\$2,218.00
142-171-00	Olympus SZ3 -- 25mm Round Post & L-Arm (D102-6 stands)	\$371.00
142-171-80	Olympus SZ3 -- 25mm Round Post & L-Arm (D102-8 stands)	\$430.00
142-172-00	Olympus SZH -- 32mm Round Post & L-Arm (D102-6 stands)	\$406.00
142-172-80	Olympus SZH -- 32mm Round Post & L-Arm (D102-8 stands)	\$461.00
142-173-00	Olympus BXFM -- Rigid Dovetail Post & Adapter (D102-6 stands)	\$856.00
142-173-80	Olympus BXFM -- Rigid Dovetail Post & Adapter (D102-8 stands)	\$915.00
142-173-87	Olympus BXFM -- Knob-Crank Dovetail Post, 12in Z-travel, and Adapter (D102-8 stands)	\$2,145.00
142-180-00	Zeiss Stereoscopes -- 32mm Round Post & L-Arm (D102-6 stands)	\$406.00
142-180-80	Zeiss Stereoscopes -- 32mm Round Post & L-Arm (D102-8 stands)	\$461.00

## POSTS & ACCESSORIES for D102 STANDS

For round post accessories, specify ## as 20=20mm, 24=24.5mm, 25=25mm, 32=32mm.

102-744-##	Standard Round Post, 8-12in	\$145.00
102-744-##-L	Long Round Post, 16in	\$191.00
133-078-##	Stop Collar for Round Post	\$63.00
142-120-07	Rigid Dovetail Post, 7in w/Endcap & Mounting Holes	\$204.00
142-120-14	Rigid Dovetail Post, 14in w/Endcap & Mounting Holes	\$324.00
142-120-18	Rigid Dovetail Post, 18in w/Endcap	\$330.00
142-120-24	Rigid Dovetail Post, 24in w/Endcap	\$367.00
133-017-00	Generic Post Base w/1in slots for four 1/4 screws	\$179.00
142-121-04	Dovetail Slider w/Clamp & Attachment Holes	\$357.00
142-121-90	Stop Clamp for Dovetail Posts	\$179.00
142-122-00	Cross (90 deg) Dovetail Slider w/Clamps	\$461.00

## X-Y MICROMETER STAGES and HEADS

A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.

For X & Y micrometer adapter, specify each # as 1=MT-1512.37, 2=MT-1512.71

3=MT-3503.52/MT-0100.10, 4=MT-1641.62, 5=MT-1512.21, 6=MT-1512.55

142-306-##	KM33 Micrometer Stage, Transmitted Light w/Glass Insert	\$1,510.00
142-306-77	KM33 Stage, Transmitted Light w/Glass Insert and 3x3 Leadscrew Drivers	\$1,896.00
142-307-##	KM33 Micrometer Stage, Reflected Light	\$1,423.00
142-307-77	KM33 Stage, Reflected Light w/3x3 Leadscrew Drivers	\$1,809.00

**NOTE: One micrometer head is required PER axis, unless using leadscrew drive version.**

MT-1512.37	Vernier Micrometer, 1in, 0.0001in resolution (.500in shank)	\$119.00
MT-1512.71	Vernier Micrometer, 2in, 0.001in resolution (.500in shank)	\$161.00
MT-3503.52	Digital Micrometer, 1in/25mm, 1um resolution w/LCD Display (.375in shank)	\$308.00
MT-1641.62	Digital Microm., 2in/50mm, 1um res. w/LCD Display & Precision Knob (18mm shank)	\$846.00
MT-1512.21	Vernier Micrometer, 25mm, 1um resolution (12mm shank)	\$119.00
MT-1512.55	Vernier Micrometer, 50mm, 10um resolution (12mm shank)	\$161.00
MT-0100.10	High Resolution Adjustment Screw w/Knob, 1in/25mm, 100TPI (.375in shank)	\$68.00

## X-Y BIOTECH STAGES & SAMPLE HOLDERS

A stage mount must be specified (see p.7-8).

142-520-20	SBS122 Stg, 125x80mm X-Y, Drop-down Coaxial Knobs, for Transmitted Light Stereo Base	\$1,819.00
142-524-00	SBS120 Stg, 120x75mm X-Y, Horizontal Coaxial Knobs, for Refl./Transm. Light Stereo Base	\$2,050.00
142-354-87	KMI53 Micrometer Stage f/Inverted Microscope, w/125x80mm X-Y Leadscrew Drivers	\$2,228.00
142-356-##	KMI53 Micrometer Stage f/Inverted Microscope (mic heads not included - see above)	\$1,814.00
142-358-95	KMI53 Servo Motor Stg, 125x80mm X-Y, f/Inverted Microscope, 0.5um resolution 75mm/sec	\$5,476.00
142-358-97	KMI53 Stepper Motor Stg, 125x80mm X-Y, f/Inverted Microscope, 0.08um steps 35mm/sec	\$5,828.00
142-530-24	KP53 Manual Stage, 120x90mm X-Y, f/Inverted Microscope (ball bearings)	\$2,088.00
142-530-44	KP53 Manual Stage, 120x90mm X-Y, f/Inverted Microscope (roller bearings)	\$2,504.00
142-538-75	KPL53 Servo Motor Stage, 120x90mm X-Y, 0.5um res. 75mm/sec, f/Inverted Microscope	\$5,269.00
142-538-77	KPL53 Stepper Motor Stg, 120x90mm X-Y, 0.08um steps 35mm/sec, f/Inverted Microscope	\$5,621.00
<TBA>	Single Slide Holder f/Oil Immersion Objectives & Slide w/1in. Coverslip, f/KP/KPL/KMI53 Stgs	\$260.00
<TBA>	Single Slide Holder for SBS Stages	\$249.00
120-228-00	Single Slide Holder for KM3 Stage	\$249.00
120-252-00	Single Slide Holder for KP/KPL/KMI53 Stages (K64 w/128-042-00 adapter), Double Sided	\$249.00
142-235-02	Dual Slide Holder with Spring Clamp for SBS Stages	\$304.00
142-245-02	Dual Slide Holder with Spring Clamp for KM3 Stage	\$304.00
142-255-02	Dual Slide Holder w/Spring Clamp for KP/KPL/KMI53 Stg (K64 w/128-042-00 adapter)	\$304.00
<TBA>	Four Slide Holder for SBS Stages	\$271.00
<TBA>	Four Slide Holder for KP/KPL/KMI53 Stages (K64 w/128-042-00 adapter)	\$271.00

<TBA>	T25 Flask Holder for SBS Stage	\$221.00
<TBA>	T25 Flask Holder for KM3 Stage	\$221.00
120-255-00	T25 Flask Holder for KP/KPL/KMI53 Stage	\$221.00
<TBA>	Petri-Dish Holder, 30mm for SBS Stages	\$205.00
<TBA>	Petri-Dish Holder, 30mm for KM3 Stage	\$205.00
<TBA>	Petri-Dish Holder, 30mm for KP/KPL/KMI53 Stages (K64 w/128-042-00 adapter)	\$205.00
<TBA>	Petri-Dish Holder, 60mm for SBS Stages	\$205.00
<TBA>	Petri-Dish Holder, 60mm for KM3 Stage	\$205.00
120-256-00	Petri-Dish Holder, 60mm for KP/KPL/KMI53 Stages (K64 w/128-042-00 adapter)	\$205.00
139-322-00	96 Well Microplate Holder for SBS Stages	\$243.00
128-042-00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder	\$243.00
120-288-00	25mm Round Aperature w/Recessed Taper for Short WD Objectives for KP/KPL/KMI53 Stage	\$260.00
HW-9990.00	Spring Clips (mount on T.P.), Set of 2	\$48.00

## X-Y COAXIAL KNOB STAGES

*A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.*

**For knob style, specify # as 0=small short, 1=small long, 2=large short, 3=large long.**

142-640-9#	K64 Stage, 6x4 X-Y, Transmitted Light w/Glass Insert	\$1,663.00
128-042-00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder	\$243.00
142-641-9#	K64 Stage, 6x4 X-Y, Reflected Light	\$1,498.00
142-660-9#	K66 Stage, 6x6 X-Y, Transmitted Light w/Glass Insert	\$2,550.00
142-661-9#	K66 Stage, 6x6 X-Y, Reflected Light	\$2,268.00
142-880-9#	K88 Stage, 8x8 X-Y, Transmitted Light w/Glass Insert	\$3,952.00
142-881-9#	K88 Stage, 8x8 X-Y, Reflected Light	\$3,544.00
142-920-9#	K300 Stage, 12x10 X-Y, Transmitted Light w/Glass Insert	\$6,333.00
142-921-9#	K300 Stage, 12x12 X-Y, Reflected Light	\$5,958.00
142-200-92	Optional Speed Handle for Quick Positioning	\$103.00

## X-Y FINE POSITIONING STAGES with QUICK RELEASE

*A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.*

142-644-90	KL64 Leadscrew Stage, 6x4 X-Y, Transm. w/Glass Insert	\$3,629.00
128-042-00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder	\$243.00
142-645-90	KL64 Leadscrew Stage, 6x4 X-Y, Reflected Light	\$3,465.00
142-664-90	KL66 Leadscrew Stage, 6x6 X-Y, Transm. w/Glass Insert	\$4,750.00
142-665-90	KL66 Leadscrew Stage, 6x6 X-Y, Reflected Light	\$4,468.00
142-884-90	KL88 Leadscrew Stage, 8x8 X-Y, Transm. w/Glass Insert	\$6,382.00
142-885-90	KL88 Leadscrew Stage, 8x8 X-Y, Reflected Light	\$5,975.00
142-924-90	KL300 Leadscrew Stage, 12x10 X-Y, Transm. w/Glass	\$9,226.00
142-925-90	KL300 Leadscrew Stage, 12x12 X-Y, Reflected Light	\$8,851.00

## X-Y COAXIAL KNOB MEASURING STAGES

*A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.*

**For knob style, specify # as 0=small short, 1=small long, 2=large short, 3=large long.**

142-642-9#	K64 Stage, 6x4 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert	\$5,245.00
128-042-00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder	\$243.00
142-643-9#	K64 Stage, 6x4 X-Y, 0.5um resolution, Reflected Light	\$5,081.00
142-662-9#	K66 Stage, 6x6 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert	\$6,285.00
142-663-9#	K66 Stage, 6x6 X-Y, 0.5um resolution, Reflected Light	\$6,004.00
142-882-9#	K88 Stage, 8x8 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert	\$7,686.00
142-883-9#	K88 Stage, 8x8 X-Y, 0.5um resolution, Reflected Light	\$7,280.00
142-922-9#	K300 Stage, 12x10 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert	\$10,068.00
142-923-9#	K300 Stage, 12x12 X-Y, 0.5um resolution, Reflected Light	\$9,693.00

## X-Y FINE POSITIONING MEASURING STAGES with QUICK RELEASE

*A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.*

142-646-90	KL64 Leadscrew Stage, 6x4 X-Y, 0.5um resolution, Transm. Light w/Glass Insert	\$7,329.00
128-042-00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder	\$243.00
142-647-90	KL64 Leadscrew Stage, 6x4 X-Y, 0.5um resolution, Reflected Light	\$7,165.00
142-666-90	KL66 Leadscrew Stage, 6x6 X-Y, 0.5um resolution, Transm. Light w/Glass Insert	\$8,486.00
142-667-90	KL66 Leadscrew Stage, 6x6 X-Y, 0.5um resolution, Reflected Light	\$8,205.00
142-886-90	KL88 Leadscrew Stage, 8x8 X-Y, 0.5um resolution, Transm. Light w/Glass Insert	\$10,118.00
142-887-90	KL88 Leadscrew Stage, 8x8 X-Y, 0.5um resolution, Reflected Light	\$9,712.00
142-926-90	KL300 Leadscrew Stage, 12x10 X-Y, 0.5um resolution, Transm. Light w/Glass Insert	\$12,962.00
142-927-90	KL300 Leadscrew Stage, 12x12 X-Y, 0.5um resolution, Reflected Light	\$12,587.00

## X-Y SERVO MOTOR STAGES

*A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.*

142-468-75	KL46 Servo Motor Stg, 4.6x2.3 X-Y, 1um res. 15mm/sec, Transm. 90mm diam. w/Glass	\$4,843.00
142-648-95	KL64 Servo Motor Stage, 6x4 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert	\$7,329.00
128-042-00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder	\$243.00
142-649-95	KL64 Servo Motor Stage, 6x4 X-Y, 0.5um resolution 75mm/sec, Reflected Light	\$7,165.00
142-668-95	KL66 Servo Motor Stage, 6x6 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert	\$8,486.00
142-669-95	KL66 Servo Motor Stage, 6x6 X-Y, 0.5um resolution 75mm/sec, Reflected Light	\$8,205.00
142-888-95	KL88 Servo Motor Stage, 8x8 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert	\$10,118.00
142-889-95	KL88 Servo Motor Stage, 8x8 X-Y, 0.5um resolution 75mm/sec, Reflected Light	\$9,712.00
142-928-95	KL300 Servo Motor Stage, 12x10 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert	\$12,962.00
142-929-95	KL300 Servo Motor Stage, 12x12 X-Y, 0.5um resolution 75mm/sec, Reflected Light	\$12,587.00

## X-Y STEPPER MOTOR STAGES

*A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.*

142-468-77	KL46 Stepper Motor Stg, 4.6x2.3 X-Y, 0.08um 20mm/s, Transm 90mm diam w/100mm Glass	\$5,420.00
142-648-97	KL64 Stepper Motor Stage, 6x4 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert	\$7,680.00
128-042-00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder	\$243.00
142-649-97	KL64 Stepper Motor Stage, 6x4 X-Y, 0.08um steps 35mm/sec, Reflected Light	\$7,515.00
142-668-97	KL66 Stepper Motor Stage, 6x6 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert	\$8,836.00
142-669-97	KL66 Stepper Motor Stage, 6x6 X-Y, 0.08um steps 35mm/sec, Reflected Light	\$8,555.00
142-888-97	KL88 Stepper Motor Stage, 8x8 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert	\$10,469.00
142-889-97	KL88 Stepper Motor Stage, 8x8 X-Y, 0.08um steps 35mm/sec, Reflected Light	\$10,063.00
142-928-97	KL300 Stepper Motor Stage, 12x10 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert	\$13,312.00
142-929-97	KL300 Stepper Motor Stage, 12x12 X-Y, 0.08um steps 35mm/sec, Reflected Light	\$12,938.00

## X-Y-THETA DISK STAGES

*A stage mount must be specified (see p.7-8), otherwise D102 hole pattern will be used.*

*For knob style, specify # as 0=small short, 1=small long, 2=large short, 3=large long.*

142-651-9#	KD64 Disk Stage, 6x4x360 X-Y-Theta (ball bearings)	\$3,395.00
142-671-9#	KD66 Disk Stage, 6x6x360 X-Y-Theta (ball bearings)	\$4,283.00
142-652-9#	KD64 Disk Measuring Stg, 6x360 X-Theta, 0.5um-.025deg resolution, 4in Manual Y w/Lock	\$6,496.00
142-653-9#	KD64 Disk Measuring Stg, 6x4x360 X-Y-Theta, 0.5um-0.5um-.025deg resolution	\$8,139.00
142-672-9#	KD66 Disk Measuring Stg, 6x360 X-Theta, 0.5um-.025deg resolution, 6in Manual Y w/Lock	\$7,419.00
142-673-9#	KD66 Disk Measuring Stg, 6x6x360 X-Y-Theta, 0.5um-0.5um-.025deg resolution	\$9,061.00
142-658-95	KDL64 Servo Motor Disk Stage, 6x360 X-Theta, 4in Manual Y, 0.5um resolution 75mm/sec	\$8,580.00
142-659-95	KDL64 Servo Motor Disk Stage, 6x4x360 X-Y-Theta, 0.5um resolution 75mm/sec	\$9,898.00
142-678-95	KDL66 Servo Motor Disk Stage, 6x360 X-Theta, 6in Manual Y, 0.5um resolution 75mm/sec	\$9,620.00
142-679-95	KDL66 Servo Motor Disk Stage, 6x6x360 X-Y-Theta, 0.5um resolution 75mm/sec	\$10,937.00

142-658-97	KDL64 Stepper Mtr Disk Stg, 6x360 X-Theta, 4in Manual Y, 0.08um steps 35mm/sec	\$8,930.00
142-659-97	KDL64 Stepper Motor Disk Stage, 6x4x360 X-Y-Theta, 0.08um steps 35mm/sec	\$10,424.00
142-678-97	KDL66 Stepper Mtr Disk Stg, 6x360 X-Theta, 6in Manual Y, 0.08um steps 35mm/sec	\$9,970.00
142-679-97	KDL66 Stepper Motor Disk Stage, 6x6x360 X-Y-Theta, 0.08um steps 35mm/sec	\$11,463.00

## REPLACEMENT GLASS INSERTS

HW-7033.00	Glass Insert for 3x3 Stage	\$42.00
HW-7044.00	Glass Insert for 4x4 Stage	\$47.00
HW-7046.00	Glass Insert for 6x4 Stage	\$51.00
HW-7066.00	Glass Insert for 6x6 Stage	\$53.00
HW-7088.00	Glass Insert for 8x8 Stage	\$92.00
HW-7012.00	Glass Insert for 12x10 Stage	\$124.00

## MASK & WAFER HOLDERS

*For M4 mask size, specify aaa as 118=2.5", 120=3.0", 121=3.5", 122=4.0"*

*For M6 mask size, specify bbb as 123=2.5", 124=3.0", 125=3.5", 127=5.0", 079=6.0"*

*For M8 mask size, specify ccc as 026=2.5", 128=3.0", 067=4.0", 045=5.0", 044=6.0", 129=7.0"*

**For K64, use M4 paddles with M6 guides, or M6 paddles with M4 guides. KL64 must use M4 paddles with M6 guides.**

142-240-00	M4 Paddle Guide Set	\$83.00
<b>128-aaa-00</b>	<b>M4 Mask Paddle - CLOSEOUT, Limited Availability (see above for sizes)</b>	<b>\$141.00</b>
102-094-00	M4 Wafer Paddle, 3in/4in Wafers	\$181.00
142-242-34	M4 Rotating Wafer Puck Paddle, 4in Wafers	\$566.00
142-242-36	M4 Rotating Wafer Puck Paddle, 6in Wafers	\$651.00
142-242-44	M4 Rotating Vacuum Puck Paddle w/Valve/Hoses, 2-4in Wafers	\$699.00
142-242-46	M4 Rotating Vacuum Puck Paddle w/Valve/Hoses, 4-6in Wafers	\$783.00
142-240-02	Add 2in Wafer Guide on 4in Puck	\$101.00
142-240-03	Add 3in Wafer Guide on 4in Puck	\$101.00
142-260-00	M6 Paddle Guide Set	\$101.00
<b>128-bbb-00</b>	<b>M6 Mask Paddle - CLOSEOUT, Limited Availability (see above for sizes)</b>	<b>\$189.00</b>
128-052-00	M6 Wafer Paddle, 5in/6in Wafers	\$248.00
142-262-34	M6 Rotating Puck Paddle, 4in Wafers	\$618.00
142-262-36	M6 Rotating Puck Paddle, 6in Wafers	\$651.00
142-262-38	M6 Rotating Puck Paddle, 8in Wafers	\$740.00
142-262-44	M6 Rotating Vacuum Puck Paddle w/Valve/Hoses, 2-4in Wafers	\$750.00
142-262-46	M6 Rotating Vacuum Puck Paddle w/Valve/Hoses, 4-6in Wafers	\$783.00
142-262-48	M6 Rotating Vacuum Puck Paddle w/Valve/Hoses, 5-8in Wafers	\$871.00
142-260-04	Add 4in Wafer Guide on 6in Puck	\$101.00
142-260-05	Add 5in Wafer Guide on 6in Puck	\$101.00
142-280-00	M8 Paddle Guide Set	\$132.00
142-280-10	M8 Paddle Guide Set, Side Load for Transm. Stages	\$132.00
<b>128-ccc-00</b>	<b>M8 Mask Paddle - CLOSEOUT, Limited Availability (see above for sizes)</b>	<b>\$240.00</b>
<b>102-365-00</b>	<b>M8 Wafer Paddle, 5in/6in Wafers - CLOSEOUT, Limited Availability</b>	<b>\$247.00</b>
142-282-08	M8 Wafer Paddle w/Leveling, 6in/8in Wafers	\$401.00
142-282-36	M8 Rotating Puck Paddle, 6in Wafers	\$726.00
142-282-38	M8 Rotating Puck Paddle, 8in Wafers	\$740.00
142-282-46	M8 Rotating Vacuum Puck Paddle w/Valve/Hoses, 4-6in Wafers	\$857.00
142-282-48	M8 Rotating Vacuum Puck Paddle w/Valve/Hoses, 5-8in Wafers	\$871.00
142-280-05	Add 5in Wafer Guide on 8in Puck	\$132.00
142-280-06	Add 6in Wafer Guide on 8in Puck	\$132.00
142-290-00	M300 Paddle Guide Set	\$194.00
142-292-09	M300 Wafer Paddle w/Leveling, 8in/12in Wafers	\$551.00
142-292-38	M300 Rotating Puck Paddle, 8in Wafers	\$871.00
142-292-39	M300 Rotating Puck Paddle, 12in Wafers	\$990.00
142-292-48	M300 Rotating Vacuum Puck Paddle, w/Valve/Hoses, 5-8in Wafers	\$1,007.00
142-292-49	M300 Rotating Vacuum Puck Paddle, w/Valve/Hoses, 8-12in Wafers	\$1,121.00
142-290-08	Add 8in Wafer Guide on 12in Puck	\$132.00
102-387-00	Paddle Alignment Stop (mounts on stage)	\$40.00

## HUBS for HARD DISK STAGES

142-264-22	Hub for 7mm/25mm I.D. Disks	\$182.00
142-264-23	Hub for 12mm/20mm I.D. Disks	\$182.00
142-264-25	Hub for 15mm/25mm I.D. Disks	\$182.00
142-264-27	Hub for 20mm/25mm I.D. Disks	\$182.00
142-264-28	Hub for 25mm/40mm I.D. Disks	\$182.00
142-264-60	Vacuum System for Disk Stage w/ Valves, Hoses, and Fittings	\$701.00
142-264-61	Vacuum Hub for 7mm I.D. Disks (requires p/n 13-9458.00)	\$323.00
142-264-66	Vacuum Hub for 20mm I.D. Disks (requires p/n 13-9458.00)	\$323.00
142-264-67	Vacuum Hub for 25mm I.D. Disks (requires p/n 13-9458.00)	\$323.00

## DIGITAL READOUTS

EL-0110.00	Quadra-Chek QC-110 Basic Digital Readout, 1-axis	\$965.00
EL-0120.00	Quadra-Chek QC-120 Basic Digital Readout, 2-axis	\$1,065.00
EL-0130.00	Quadra-Chek QC-130 Basic Digital Readout, 3-axis	\$1,480.00
EL-0220.00	Quadra-Chek QC-220 Metrology Digital Readout, 2-axis	\$2,095.00
EL-0230.00	Quadra-Chek QC-230 Metrology Digital Readout, 3-axis	\$2,345.00
EL-0276.91	8-Function Keypad	\$195.00
EL-0281.60	2-Function Footswitch	\$195.00
EL-0293.00	QC-Wedge Software w/RS232 Cable (sends coordinates to Excel -- WinXP/Vista required)	\$175.00

## Z-AXIS STAGES & MEASUREMENT

142-715-00	ZP1 Precision Z-axis Manual Leadscrew Post Stage, 1in travel w/Dovetail Slider	\$1,244.00
142-719-95	ZP1 Precision Z-axis Servo Motor Post Stg, 1in travel w/Dovetail Slider, 0.5um res. 12mm/s	\$3,061.00
142-719-97	ZP1 Precision Z-axis Stepper Mtr Post Stg, 1in travel w/Dovetail Slider, 0.08um steps 4mm/s	\$3,237.00
142-725-00	ZC300 Z-Column Dovetail Post, 18in, w/Manual Leadscrew Crank Teflon Slide, 12in travel	\$1,917.00
142-729-85	ZC300 Z-Column Dovetail Post, 18in, w/Servo Motorized Teflon Slide, 12in travel, 12mm/s	\$3,735.00
142-739-95	FB1 Precision Z-axis Servo Motor Focus Block, Heavy Duty, 1in travel, 0.32um res. 6mm/s	\$4,410.00
142-739-97	FB1 Precision Z-axis Stepper Motor Focus Block, Heavy Duty, 1in travel, 0.05um steps 2mm/s	\$4,586.00
142-227-22	Z-axis Measuring System w/LCD Display including Mounting, 10um res, 25mm travel	\$932.00
142-227-52	Z-axis Measuring System w/LCD Display including Mounting, 1um res, 25mm travel	\$1,337.00
142-227-80	Z-axis Measuring System incl. Mounting, 0.1um res, 30mm travel ( <i>readout required - see p.6</i> )	\$2,107.00

## MOTOR CONTROLLERS & ACCESSORIES

142-272-50	Advanced 2-axis Servo Motor Controller w/Software (Win98/2000/XP/Vista-32 PC req'd)	\$2,769.00
142-274-50	Advanced 4-axis Servo Motor Controller w/Software (Win98/2000/XP/Vista-32 PC req'd)	\$3,140.00
EL-5903.00	Ergonomic 3-axis Joystick w/12 Buttons for Advanced Servo Controller (PC w/USB req'd)	\$359.00
EL-0740.09	Oasis 4-axis Stepper Motor Controller X/Y/Z/Focus/Filter-whl (Windows PC w/PCI req'd)	\$3,255.00
EL-0742.03	Ergonomic 3-axis Joystick Unit for Oasis Controller	\$575.00
EL-0781.00	Surveyor Specimen Scanning Software & Acquisition Drivers for Oasis Controller	\$5,500.00

## MICROSCOPE MOUNTS for SEMPREX STAGES

Add suffix part# to stage part# when ordering, otherwise standard hole pattern will be used.

Accepts Stage Size: [1] 3x3 [2] 6x4 [3] 6x6 [4] 8x8 [5]12x10 [6] 12x12

[A] Stage requires long knobs

[D] For reflected light stages only

[B] For X-Y stages with paddles and for disk stages

[E] For transmitted light stages only

[C] For X-Y stages without paddles--plain top (no disk stages)

[F] Stage requires short knobs

-CH4	Custom Hole Pattern (drawing required, 2-4 holes)	\$90.00
-CR0	Simple Riser Pedestal for Base Plate (screws attach from bottom, 1.8x1.8 inch #10-32)	\$186.00
-CR1	Riser for BreadBoard Base Plate w/1 inch Centers	\$325.00
-CR2	Riser for BreadBoard Base Plate w/25 mm Centers	\$325.00
-CS0	Riser w/Custom Circular Insert & Clamp for Reflected Light Stereo Base (drawing req'd)	\$285.00
-L100	Leica INM-100 Hole Pattern [4]	\$34.00
-L200	Leica INM-200 Hole Pattern [4]	\$34.00
-L300	Leica INM-300 Hole Pattern [4,5,6,D]	\$34.00
-L301	Leica INM-300 Hole Pattern w/Enlarged Cutout in BP [4,5,6,E]	\$180.00
-LE0	Leitz Ergolux Spacer [3]	\$118.00
-LE2	Leica DME Hole Pattern [1,2]	\$34.00
-LIL	Leica DMIL Adapter [biotech stages only except SBS]	\$162.00
-LI3	Leica DMI3000/4000/5000/6000 Adapter [biotech stages only except SBS]	\$162.00
-LL0	Leica DML-M / DM2500 Replacement Bracket [1,2,D]	\$298.00
-LL1	Leica DML-M Adapter & Carrier Modification [2,A,E]	\$298.00
-LM40	Leica DM1000/2000/2500/3000/4000/6000 Spacer & BP Modification [2,F]	\$179.00
-LP88	Reichert Polylite 88 Adapter [3,4]	\$231.00
-LR0	Leica DMR-M Hole Pattern & Carrier Modification [2,E]	\$242.00
-LR1	Leica DMR-M / DM4000/6000 Replacement Bracket [1,2,D]	\$242.00
-M110	Mitutoyo FS110 Hole Pattern [3,4,B]	\$34.00
-M111	Mitutoyo FS110 Spacer [3,4,C]	\$118.00
-N040	Nikon MM 40/60/400 Riser [1,2,F]	\$373.00
-N082	Nikon Eclipse 80i/90i Adapter & Carrier Modification [1,2]	\$298.00
-N100	Nikon Optiphot 100/M Spacer [1,2]	\$118.00
-N150	Nikon Optiphot 150 Hole Pattern [3,F]	\$34.00
-N151	Nikon Eclipse L150 Adapter & Carrier Modification [1,2]	\$384.00
-N152	Nikon LV100/150 Adapter & Carrier Mod [1,2] [3 w/RefI Stg & F.L. or No Paddle only]	\$384.00
-N200	Nikon Optiphot 200 Adapter [4]	\$105.00
-N201	Nikon L200 Adapter & Enlarged Cutout in BP [4]	\$229.00
-N300	Nikon Optiphot 300 Adapter [4,5,6]	\$121.00
-N600	Nikon Eclipse ME600/E400 Replacement Bracket [1,2,D]	\$298.00
-N601	Nikon Eclipse ME600/E400 Adapter & Carrier Modification [1,2,E]	\$298.00
-N66	Nikon IC66 Hole Pattern [w/o DIC: 3,B] [w/DIC: 3,C]	\$34.00
-N67	Nikon IC66 (w/o DIC) Spacer [3,C]	\$118.00
-NI2	Nikon TE2000/Ti-U Adapter [biotech stages only except SBS]	\$162.00
-OA70	Olympus AX70 Replacement Bracket [3,D]	\$343.00
-OB50	Olympus BX40-61 Replacement Bracket [1,2,D]	\$298.00
-OB51	Olympus BX40-61 Adapter & Carrier Modification [1,2,A,E]	\$298.00
-OH10	Olympus BHM/BHN Adapter [1,2]	\$151.00
-OH20	Olympus BH2 / BHS Adapter [1,2]	\$224.00
-OH21	Olympus BHMJL Adapter [3]	\$124.00
-OH30	Olympus BH3MJL-T4 Adapter [3,4,5,6]	\$216.00
-OM40	Olympus MX40/51 Spacer [3,F]	\$150.00
-OM50	Olympus MX50/61 Adapter [4,5]	\$105.00
-OM51	Olympus MX50L/61L Adapter [4,5,6]	\$105.00
-OX70	Olympus IX51/71/81 Adapter [biotech stages only except SBS]	\$162.00
-OC41	Olympus CKX31/41 Adapter [biotech stages only except SBS]	\$162.00

-OG71	Olympus GX71 Adapter [biotech stages only except SBS]	\$162.00
-OG51	Olympus GX41/51 Adapter [biotech stages only except SBS]	\$162.00
-ZA0	Zeiss Axio Scope A1 Hole Pattern & Carrier Modification [2,E]	\$242.00
-ZA1	Zeiss Axio Scope A1 Replacement Bracket [1,2,D]	\$242.00
-ZE0	Zeiss Axiovert 100 Replacement Bracket [1,2,D]	\$282.00
-ZE1	Zeiss Axiovert 100 Adapter & Carrier Modification [1,2,E]	\$282.00
-ZI1	Zeiss Axiovert 25/40 Adapter [biotech stages only except SBS]	\$162.00
-ZI2	Zeiss Axiovert 100/200 Adapter [biotech stages only except SBS]	\$162.00
-ZI3	Zeiss Axio Observer Adapter [biotech stages only except SBS]	\$162.00
-ZM2	Zeiss Axio Imager Hole Pattern & Carrier Modification [2,A,E]	\$179.00
-ZM3	Zeiss Axio Imager Replacement Bracket [1,2,D,F]	\$179.00
-ZP0	Zeiss Axiovert / Axiovert Adapter [1,2,E]	\$438.00
-ZP1	Zeiss Axiovert / Axiovert Replacement Bracket [1,2,D]	\$491.00
-ZR2	Zeiss Axiovert 2 Hole Pattern [3,4,F]	\$34.00
-ZS1	Zeiss Axioskop 1 Hole Pattern [1,2]	\$34.00
-ZS2	Zeiss Axioskop 2/40 Hole Pattern & Carrier Modification [2,A,E]	\$275.00
-ZS3	Zeiss Axioskop 2/40 Replacement Bracket [1,2,D,F]	\$275.00
-ZU0	Zeiss Universal Adapter [1,2]	\$117.00
-ZV0	Zeiss Vario Riser Pedestal [1,2]	\$329.00

ALL PRICES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

## BASE PLATES & TABLE STANDS

NEW P/N	OLD P/N	
142-100-22	50-1822.00	CUSTOM Base Plate, 18 x 22, Flat & Anodized, Rubber Feet, Stage Riser, Post Holes
142-100-24	52-1424.00	CUSTOM Base Plate, 14 x 24, Flat & Anodized, Rubber Feet, Stage Riser, Post Holes
142-100-28	51-1828.00	CUSTOM Base Plate, 18 x 28, Flat & Anodized, Rubber Feet, Stage Riser, Post Holes
142-101-00	10-2301.00	Table Stand for 3-6in Stages
142-101-80	10-2301.80	Table Stand for 8in Stages
142-101-90	10-2301.12	Table Stand for 12in Stages

## D102 MICROSCOPE STANDS

NEW P/N	OLD P/N	
142-102-00	10-2501.00	D-102-6 Stand, Plain (3-6in stages)
142-102-80	10-2501.80	D-102-8 Stand, Plain (fits up to 8in stage)
142-103-00	10-2502.00	D-102-6 Stand, Transmitted Brightfield, for use w/Fiber-Optic Illuminator (3-6in stages)
142-103-80	10-2502.80	D-102-8 Stand, Transmitted Brightfield, for use w/Fiber-Optic Illuminator (fits up to 8in stage)
<b>142-104.00</b>	<b>10-2503.80</b>	<b>D-102-6 Transmitted BF Stand, 25W Halogen Illum. (fits up to 8in stage) - CLOSEOUT</b>

## SCOPE/FOCUS BLOCK ADAPTERS for D102 STANDS

NEW P/N	OLD P/N	
142-130-00	10-2612.00	Wild M400-450 -- 25mm Round Post & L-Arm (D102-6 stands)
142-130-80	10-2612.80	Wild M400-450 -- 25mm Round Post & L-Arm (D102-8 stands)
142-132-00	10-2612.02	Leica MZ /GZ-- L-Arm for 3-hole mount Leica Post (D102-6 stands)
142-132-80	10-2612.82	Leica MZ /GZ-- L-Arm for 3-hole mount Leica Post (D102-8 stands)
142-134-80	10-2612.84	Leica M165/205 -- L-Arm for 4-hole mount Leica Post (D102-8 stands)
142-140-00	10-2614.00	Meiji EM Series (except FK focus block) -- 20mm Round Post & L-Arm (D102-6 stands)
142-140-80	10-2614.80	Meiji EM Series (except FK focus block) -- 20mm Round Post & L-Arm (D102-8 stands)
142-141-00	10-2614.01	Meiji FU1000 -- Rigid Dovetail Post & Adapter (D102-6 stands)
142-141-80	10-2614.81	Meiji FU1000 -- Rigid Dovetail Post & Adapter (D102-8 stands)
142-141-87	<b>**NEW**</b>	Meiji FU1000 -- Knob-Crank Dovetail Post, 12in travel, and Adapter (D102-8 stands)
142-145-00	10-2624.01	Motic FS03/04 -- 32mm Round Post & L-Arm (D102-6 stands)
142-145-80	10-2624.81	Motic FS03/04 -- 32mm Round Post & L-Arm (D102-8 stands)
142-150-00	10-2615.00	Mitutoyo FS60/70 -- Rigid Dovetail Post & Adapter (D102-6 stands)
142-150-80	10-2615.80	Mitutoyo FS60/70 -- Rigid Dovetail Post & Adapter (D102-8 stands)
142-150-87	<b>**NEW**</b>	Mitutoyo FS60/70 -- Knob-Crank Dovetail Post, 12in travel, and Adapter (D102-8 stands)
142-155-00	10-2623.01	Nissho -- 24.5mm Round Post & L-Arm (D102-6 stands)
142-155-80	10-2623.81	Nissho -- 24.5mm Round Post & L-Arm (D102-8 stands)
142-160-00	10-2616.00	Nikon SMZ 2-10 -- 24.5mm Round Post & L-Arm (D102-6 stands)
142-160-80	10-2616.80	Nikon SMZ 2-10 -- 24.5mm Round Post & L-Arm (D102-8 stands)
142-161-00	10-2616.01	Nikon Focus Block -- Rigid Dovetail Post & Adapter (D102-6 stands)
142-161-80	10-2616.81	Nikon Focus Block -- Rigid Dovetail Post & Adapter (D102-8 stands)
142-161-87	<b>**NEW**</b>	Nikon Focus Block -- Knob-Crank Dovetail Post, 12in travel, and Adapter (D102-8 stands)
142-162-00	10-2616.02	Nikon SMZU/800/1000/1500 -- 32mm Round Post & L-Arm (D102-6 stands)
142-162-80	10-2616.82	Nikon SMZU/800/1000/1500 -- 32mm Round Post & L-Arm (D102-8 stands)
142-163-00	10-2616.03	Nikon Bonder/E-Arm -- Rigid Dovetail Post & Adapter (D102-6 stands)
142-163-80	10-2616.83	Nikon Bonder/E-Arm -- Rigid Dovetail Post & Adapter (D102-8 stands)
142-163-87	<b>**NEW**</b>	Nikon Bonder/E-Arm -- Knob-Crank Dovetail Post, 12in travel, and Adapter (D102-8 stands)
142-170-00	10-2617.00	Olympus BHMJ -- Dovetail Post & 22mm Rnd Post Adptr (D102-6 stands)
142-170-80	10-2617.80	Olympus BHMJ -- Dovetail Post & 22mm Rnd Post Adptr (D102-8 stands)
142-170-87	<b>**NEW**</b>	Olympus BHMJ -- Knob-Crank Dovetail Post, 12in trav, 22mm Rnd Pst Adptr (D102-8 stnd)
142-171-00	10-2617.01	Olympus SZ3 -- 25mm Round Post & L-Arm (D102-6 stands)
142-171-80	10-2617.81	Olympus SZ3 -- 25mm Round Post & L-Arm (D102-8 stands)
142-172-00	10-2617.02	Olympus SZH -- 32mm Round Post & L-Arm (D102-6 stands)
142-172-80	10-2617.82	Olympus SZH -- 32mm Round Post & L-Arm (D102-8 stands)
142-173-00	10-2617.03	Olympus BXFm -- Rigid Dovetail Post & Adapter (D102-6 stands)
142-173-80	10-2617.83	Olympus BXFm -- Rigid Dovetail Post & Adapter (D102-8 stands)
142-173-87	<b>**NEW**</b>	Olympus BXFm -- Knob-Crank Dovetail Post, 12in travel, and Adapter (D102-8 stands)
142-180-00	10-2618.00	Zeiss Stereoscopes -- 32mm Round Post & L-Arm (D102-6 stands)
142-180-80	10-2618.80	Zeiss Stereoscopes -- 32mm Round Post & L-Arm (D102-8 stands)

## POSTS & ACCESSORIES for D102 STANDS

For round post accessories, specify ## as 20=20mm, 24=24.5mm, 25=25mm, 32=32mm.

NEW P/N	OLD P/N	
102-744-##	10-2709.##	Standard Round Post, 8-12in
102-744-##-L	10-2710.##	Long Round Post, 16in
133-078-##	10-2700.##	Stop Collar for Round Post
142-120-07	10-4707.00	Rigid Dovetail Post, 7in w/Endcap & Mounting Holes
142-120-14	10-4714.00	Rigid Dovetail Post, 14in w/Endcap & Mounting Holes
142-120-18	10-4718.00	Rigid Dovetail Post, 18in w/Endcap
142-120-24	10-4724.00	Rigid Dovetail Post, 24in w/Endcap
142-120-36	10-4736.00	Rigid Dovetail Post, 36in w/Endcap
133-017-00	10-4814.00	Generic Post Base w/1in slots for four 1/4 screws
142-121-04	10-4911.00	Dovetail Slider w/Clamp & Attachment Holes
142-121-90	10-2702.00	Stop Clamp for Dovetail Posts
142-122-00	10-4912.00	Cross (90 deg) Dovetail Slider w/Clamps

## X-Y COAXIAL KNOB STAGES

A stage mount must be specified, otherwise D102 hole pattern will be used.

For knob style, specify # as 0=small short, 1=small long, 2=large short, 3=large long.

NEW P/N	OLD P/N	
142-640-9#	12-6400.##	K64 Stage, 6x4 X-Y, Transmitted Light w/Glass Insert
142-641-9#	12-6402.##	K64 Stage, 6x4 X-Y, Reflected Light
142-660-9#	12-6600.##	K66 Stage, 6x6 X-Y, Transmitted Light w/Glass Insert
142-661-9#	12-6602.##	K66 Stage, 6x6 X-Y, Reflected Light
142-880-9#	12-8800.4#	K88 Stage, 8x8 X-Y, Transmitted Light w/Glass Insert
142-881-9#	12-8802.4#	K88 Stage, 8x8 X-Y, Reflected Light
142-920-9#	12-1200.4#	K300 Stage, 12x10 X-Y, Transmitted Light w/Glass Insert
142-921-9#	12-1202.4#	K300 Stage, 12x12 X-Y, Reflected Light
142-200-92	13-1092.00	Optional Speed Handle for Quick Positioning

## X-Y FINE POSITIONING STAGES with QUICK RELEASE

A stage mount must be specified, otherwise D102 hole pattern will be used.

NEW P/N	OLD P/N	
142-644-90	12-6480.#0	KL64 Leadscrew Stage, 6x4 X-Y, Transm. w/Glass Insert
142-645-90	12-6482.#0	KL64 Leadscrew Stage, 6x4 X-Y, Reflected Light
142-664-90	12-6680.#0	KL66 Leadscrew Stage, 6x6 X-Y, Transm. w/Glass Insert
142-665-90	12-6682.#0	KL66 Leadscrew Stage, 6x6 X-Y, Reflected Light
142-884-90	12-8880.40	KL88 Leadscrew Stage, 8x8 X-Y, Transm. w/Glass Insert
142-885-90	12-8882.40	KL88 Leadscrew Stage, 8x8 X-Y, Reflected Light
142-924-90	12-1280.40	KL300 Leadscrew Stage, 12x10 X-Y, Transm. w/Glass
142-925-90	12-1282.40	KL300 Leadscrew Stage, 12x12 X-Y, Reflected Light

## X-Y MICROMETER STAGES and HEADS

A stage mount must be specified, otherwise D102 hole pattern will be used.

For X & Y micrometer adapter, specify each # as 1=MT-1512.37, 2=MT-1512.71  
3=MT-3503.52/MT-0100, 4=MT-1641.62, 5=MT-1512.21, 6=MT-1512.55

NEW P/N	OLD P/N	
142-306-##	12-3000.40	KM3 Micrometer Stage, Transmitted Light w/Glass Insert
142-306-77	**NEW**	KM3 Stage, Transmitted Light w/Glass Insert and 3x3 Leadscrew Drivers
142-307-##	12-3002.40	KM3 Micrometer Stage, Reflected Light
142-307-77	**NEW**	KM3 Stage, Reflected Light w/3x3 Leadscrew Drivers

**NOTE: One micrometer head is required PER axis.**

MT-1512.37	MT-1512.37	Vernier Micrometer, 1in, 0.0001in resolution (.500in shank)
MT-1512.71	MT-1512.71	Vernier Micrometer, 2in, 0.001in resolution (.500in shank)
MT-3503.52	MT-3503.52	Digital Micrometer, 1in/25mm, 1um resolution w/LCD Display (.375in shank)
MT-1641.62	MT-1641.62	Digital Microm., 2in/50mm, 1um res. w/LCD Display & Precision Knob (18mm shank)
MT-1512.21	MT-1512.21	Vernier Micrometer, 25mm, 1um resolution (12mm shank)
MT-1512.55	MT-1512.55	Vernier Micrometer, 50mm, 10um resolution (12mm shank)
MT-0100.10	**NEW**	High Resolution Adjustment Screw w/Knob, 1in/25mm, 100TPI (.375in shank)

## X-Y COAXIAL KNOB MEASURING STAGES

*A stage mount must be specified, otherwise D102 hole pattern will be used.*

For knob style, specify # as 0=small short, 1=small long, 2=large short, 3=large long.

NEW P/N	OLD P/N	
142-642-9#	12-6410.5#	K64 Stage, 6x4 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert
142-643-9#	12-6412.5#	K64 Stage, 6x4 X-Y, 0.5um resolution, Reflected Light
142-662-9#	12-6610.5#	K66 Stage, 6x6 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert
142-663-9#	12-6612.5#	K66 Stage, 6x6 X-Y, 0.5um resolution, Reflected Light
142-882-9#	12-8810.5#	K88 Stage, 8x8 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert
142-883-9#	12-8812.5#	K88 Stage, 8x8 X-Y, 0.5um resolution, Reflected Light
142-922-9#	12-1210.5#	K300 Stage, 12x10 X-Y, 0.5um resolution, Transmitted Light w/Glass Insert
142-923-9#	12-1212.5#	K300 Stage, 12x12 X-Y, 0.5um resolution, Reflected Light

## X-Y FINE POSITIONING MEASURING STAGES with QUICK RELEASE

*A stage mount must be specified, otherwise D102 hole pattern will be used.*

NEW P/N	OLD P/N	
142-646-90	12-6490.50	KL64 Leadscrew Stage, 6x4 X-Y, 0.5um resolution, Transm. Light w/Glass Insert
142-647-90	12-6492.50	KL64 Leadscrew Stage, 6x4 X-Y, 0.5um resolution, Reflected Light
142-666-90	12-6690.50	KL66 Leadscrew Stage, 6x6 X-Y, 0.5um resolution, Transm. Light w/Glass Insert
142-667-90	12-6692.50	KL66 Leadscrew Stage, 6x6 X-Y, 0.5um resolution, Reflected Light
142-886-90	12-8890.50	KL88 Leadscrew Stage, 8x8 X-Y, 0.5um resolution, Transm. Light w/Glass Insert
142-887-90	12-8892.50	KL88 Leadscrew Stage, 8x8 X-Y, 0.5um resolution, Reflected Light
142-926-90	12-1290.50	KL300 Leadscrew Stage, 12x10 X-Y, 0.5um resolution, Transm. Light w/Glass Insert
142-927-90	12-1292.50	KL300 Leadscrew Stage, 12x12 X-Y, 0.5um resolution, Reflected Light

## X-Y SERVO MOTOR STAGES

*A stage mount must be specified, otherwise D102 hole pattern will be used.*

NEW P/N	OLD P/N	
142-468-75	12-4637.75	KL46 Servo Motor Stg, 4.6x2.3 X-Y, 1um res. 15mm/sec, Transm. 90mm diam. w/Glass
142-648-95	12-6436.75	KL64 Servo Motor Stage, 6x4 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert
142-649-95	12-6438.75	KL64 Servo Motor Stage, 6x4 X-Y, 0.5um resolution 75mm/sec, Reflected Light
142-668-95	12-6636.75	KL66 Servo Motor Stage, 6x6 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert
142-669-95	12-6638.75	KL66 Servo Motor Stage, 6x6 X-Y, 0.5um resolution 75mm/sec, Reflected Light
142-888-95	12-8836.75	KL88 Servo Motor Stage, 8x8 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert
142-889-95	12-8838.75	KL88 Servo Motor Stage, 8x8 X-Y, 0.5um resolution 75mm/sec, Reflected Light
142-928-95	12-1236.75	KL300 Servo Motor Stage, 12x10 X-Y, 0.5um resolution 75mm/sec, Transm. w/Glass Insert
142-929-95	12-1238.75	KL300 Servo Motor Stage, 12x12 X-Y, 0.5um resolution 75mm/sec, Reflected Light

## X-Y STEPPER MOTOR STAGES

*A stage mount must be specified, otherwise D102 hole pattern will be used.*

NEW P/N	OLD P/N	
142-468-77	12-4637.77	KL46 Stepper Motor Stg, 4.6x2.3 X-Y, 0.08um 20mm/s, Transm 90mm diam w/100mm Glass
142-648-97	12-6436.77	KL64 Stepper Motor Stage, 6x4 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert
142-649-97	12-6438.77	KL64 Stepper Motor Stage, 6x4 X-Y, 0.08um steps 35mm/sec, Reflected Light
142-668-97	12-6636.77	KL66 Stepper Motor Stage, 6x6 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert
142-669-97	12-6638.77	KL66 Stepper Motor Stage, 6x6 X-Y, 0.08um steps 35mm/sec, Reflected Light
142-888-97	12-8836.77	KL88 Stepper Motor Stage, 8x8 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert
142-889-97	12-8838.77	KL88 Stepper Motor Stage, 8x8 X-Y, 0.08um steps 35mm/sec, Reflected Light
142-928-97	12-1236.77	KL300 Stepper Motor Stage, 12x10 X-Y, 0.08um steps 35mm/sec, Transm. w/Glass Insert
142-929-97	12-1238.77	KL300 Stepper Motor Stage, 12x12 X-Y, 0.08um steps 35mm/sec, Reflected Light

## X-Y-THETA DISK STAGES

*A stage mount must be specified, otherwise D102 hole pattern will be used.*

For knob style, specify # as 0=small short, 1=small long, 2=large short, 3=large long.

NEW P/N	OLD P/N	
142-651-9#	12-9048.2#	KD64 Disk Stage, 6x4x360 X-Y-Theta
142-671-9#	12-9068.2#	KD66 Disk Stage, 6x6x360 X-Y-Theta

142-652-9#	13-9148.5#	KD64 Disk Stg, 6x360 X-Theta, 0.5um-.025deg resolution, 4in Manual Y w/Lock
142-653-9#	12-9348.5#	KD64 Disk Stg, 6x4x360 X-Y-Theta, 0.5um-0.5um-.025deg resolution
142-672-9#	12-9168.5#	KD66 Disk Stg, 6x360 X-Theta, 0.5um-.025deg resolution, 6in Manual Y w/Lock
142-673-9#	12-9368.5#	KD66 Disk Stg, 6x6x360 X-Y-Theta, 0.5um-0.5um-.025deg resolution
142-658-95	12-9248.75	KDL64 Servo Motor Disk Stage, 6x360 X-Theta, 4in Manual Y, 0.5um resolution 75mm/sec
142-659-95	12-9448.75	KDL64 Servo Motor Disk Stage, 6x4x360 X-Y-Theta, 0.5um resolution 75mm/sec
142-678-95	12-9268.75	KDL66 Servo Motor Disk Stage, 6x360 X-Theta, 6in Manual Y, 0.5um resolution 75mm/sec
142-679-95	12-9468.75	KDL66 Servo Motor Disk Stage, 6x6x360 X-Y-Theta, 0.5um resolution 75mm/sec
142-658-97	12-9248.77	KDL64 Stepper Mtr Disk Stg, 6x360 X-Theta, 4in Manual Y, 0.08um steps 35mm/sec
142-659-97	12-9448.77	KDL64 Stepper Motor Disk Stage, 6x4x360 X-Y-Theta, 0.08um steps 35mm/sec
142-678-97	12-9268.77	KDL66 Stepper Mtr Disk Stg, 6x360 X-Theta, 6in Manual Y, 0.08um steps 35mm/sec
142-679-97	12-9468.77	KDL66 Stepper Motor Disk Stage, 6x6x360 X-Y-Theta, 0.08um steps 35mm/sec

## X-Y BIOTECH STAGES

*A stage mount must be specified.*

NEW P/N	OLD P/N	
142-520.20	11-0122.00	SBS122 Stg, 125x80 X-Y, Drop-down Coaxial Knobs, for Transmitted Light Stereo Base
142-524.00	11-0120.00	SBS120 Stg, 120x75 X-Y, Horizontal Coaxial Knobs, for Refl./Transm. Light Stereo Base
142-356-##	12-3505.00	KMI53 Biotech Micrometer Stage for Inverted Microscope (mic heads not included - see p.2)
142-356-87	**NEW**	KMI53 Biotech Micrometer Stage for Inverted Microscope, w/125x80mm Leadscrew Drivers
142-358-95	**NEW**	KMIL53 Servo Motor Stg, 125x80mm X-Y, f/Inverted Microscope, 0.5um resolution 75mm/sec
142-358-97	**NEW**	KMIL53 Stepper Motor Stg, 125x80mm X-Y, f/Inverted Microscope, 0.08um steps 35mm/sec
142-530.24	12-5307.14	KP53 Manual Stage, 120x90mm X-Y, f/Inverted Microscope (ball bearings)
142-530.44	12-5307.54	KP53 Manual Stage, 120x90mm X-Y, f/Inverted Microscope (roller bearings)
142-538.75	12-5367.15	KPL53 Servo Motor Stage, 120x90mm X-Y, 0.5um enc. 75mm/sec, f/Inverted Microscope
142-538.77	12-5367.14	KPL53 Stepper Motor Stg, 120x90mm X-Y, 0.08um steps 35mm/sec, f/Inverted Microscope

## REPLACEMENT GLASS INSERTS

NEW P/N	OLD P/N	
HW-7033.00	HW-7033.00	Glass Insert for 3x3 Stage
HW-7044.00	HW-7044.00	Glass Insert for 4x4 Stage
HW-7046.00	HW-7046.00	Glass Insert for 6x4 Stage
HW-7066.00	HW-7066.00	Glass Insert for 6x6 Stage
HW-7088.00	HW-7088.00	Glass Insert for 8x8 Stage
HW-7012.00	HW-7012.00	Glass Insert for 12x10 Stage

## MASK & WAFER HOLDERS

For M4 mask size, specify aaa as 118=2.5", 120=3.0", 121=3.5", 122=4.0"

For M6 mask size, specify bbb as 123=2.5", 124=3.0", 125=3.5", 127=5.0", 079=6.0"

For M8 mask size, specify ccc as 026=2.5", 128=3.0", 067=4.0", 045=5.0", 044=6.0", 129=7.0"

For K64, use M4 paddles with M6 guides, or M6 paddles with M4 guides. KL64 must use M4 paddles with M6 guides.

NEW P/N	OLD P/N	
142-240-00	13-4015.00	M4 Paddle Guide Set
128-aaa-00	13-40##.00	M4 Mask Paddle
102-094-00	13-4033.00	M4 Wafer Paddle, 3in/4in Wafers
142-242-34	13-4233.00	M4 Rotating Wafer Puck Paddle, 4in Wafers
142-242-36	13-4235.00	M4 Rotating Wafer Puck Paddle, 6in Wafers
142-242-44	13-4243.02	M4 Rotating Vacuum Puck Paddle w/Valve/Hoses, 2-4in Wafers
142-242-46	13-4245.02	M4 Rotating Vacuum Puck Paddle w/Valve/Hoses, 4-6in Wafers
142-240-02	13-0021.02	Add 2in Wafer Guide on 4in Puck
142-240-03	13-0021.03	Add 3in Wafer Guide on 4in Puck
142-260-00	13-6015.00	M6 Paddle Guide Set
128-bbb-00	13-60##.00	M6 Mask Paddle
128-052-00	13-6035.00	M6 Wafer Paddle, 5in/6in Wafers
142-262-34	13-6233.00	M6 Rotating Puck Paddle, 4in Wafers
142-262-36	13-6235.00	M6 Rotating Puck Paddle, 6in Wafers
142-262-38	13-6236.00	M6 Rotating Puck Paddle, 8in Wafers
142-262-44	13-6243.02	M6 Rotating Vacuum Puck Paddle w/Valve/Hoses, 2-4in Wafers

142-262-46	13-6245.02	M6 Rotating Vacuum Puck Paddle w/Valve/Hoses, 4-6in Wafers
142-262-48	13-6246.02	M6 Rotating Vacuum Puck Paddle w/Valve/Hoses, 5-8in Wafers
142-260-04	13-0021.04	Add 4in Wafer Guide on 6in Puck
142-260-05	13-0021.05	Add 5in Wafer Guide on 6in Puck
142-280-00	13-8015.00	M8 Paddle Guide Set
142-280-10	13-8015.10	M8 Paddle Guide Set, Side Load for Transm. Stages
128-ccc-00	13-80##.00	M8 Mask Paddle
102-365-00	13-8035.00	M8 Wafer Paddle, 5in/6in Wafers
142-282-08	13-8036.00	M8 Wafer Paddle w/Leveling, 6in/8in Wafers
142-282-36	13-8235.00	M8 Rotating Puck Paddle, 6in Wafers
142-282-38	13-8236.00	M8 Rotating Puck Paddle, 8in Wafers
142-282-46	13-8245.02	M8 Rotating Vacuum Puck Paddle w/Valve/Hoses, 4-6in Wafers
142-282-48	13-8246.02	M8 Rotating Vacuum Puck Paddle w/Valve/Hoses, 5-8in Wafers
142-280-05	13-0041.05	Add 5in Wafer Guide on 8in Puck
142-280-06	13-0041.06	Add 6in Wafer Guide on 8in Puck
142-290-00	13-1215.00	M300 Paddle Guide Set
142-292-09	13-1238.00	M300 Wafer Paddle w/Leveling, 8in/12in Wafers
142-292-38	**NEW**	M300 Rotating Puck Paddle, 8in Wafers
142-292-39	**NEW**	M300 Rotating Puck Paddle, 12in Wafers
142-292-48	13-1246.02	M300 Rotating Vacuum Puck Paddle, w/Valve/Hoses, 5-8in Wafers
142-292-49	13-1248.02	M300 Rotating Vacuum Puck Paddle, w/Valve/Hoses, 8-12in Wafers
142-290-08	13-0041.08	Add 8in Wafer Guide on 12in Puck
102-387-00	13-1468.00	Paddle Alignment Stop (mounts on stage)

## HUBS for HARD DISK STAGES

NEW P/N	OLD P/N	
142-264-22	13-9058.05	Hub for 7mm/25mm I.D. Disks
142-264-23	13-9058.10	Hub for 12mm/20mm I.D. Disks
142-264-25	13-9058.20	Hub for 15mm/25mm I.D. Disks
142-264-27	13-9058.30	Hub for 20mm/25mm I.D. Disks
142-264-28	13-9058.40	Hub for 25mm/40mm I.D. Disks
142-264-60	13-9458.00	Vacuum System for Disk Stage w/ Valves, Hoses, and Fittings
142-264-61	13-9458.05	Vacuum Hub for 7mm I.D. Disks (requires p/n 13-9458.00)
142-264-66	13-9458.25	Vacuum Hub for 20mm I.D. Disks (requires p/n 13-9458.00)
142-264-67	13-9458.35	Vacuum Hub for 25mm I.D. Disks (requires p/n 13-9458.00)

## BIOTECH SAMPLE HOLDERS

NEW P/N	OLD P/N	
<TBA>	13-5317.01	Single Slide Holder f/Oil Immersion Objectives & Slide w/1in. Coverslip, f/KP53/KMI53 Stages
<TBA>	13-5318.11	Single Slide Holder for SBS Stages
120-228-00	13-5318.31	Single Slide Holder for KM3 Stage
120-252-00	13-5318.01	Single Slide Holder for KP53/KPL53/KMI53 Stages (K64 with 13-5396 adapter), Double Sided
142-235-02	13-5318.12	Dual Slide Holder with Spring Clamp for SBS Stages
142-245-02	13-5318.32	Dual Slide Holder with Spring Clamp for KM3 Stage
142-255-02	13-5318.02	Dual Slide Holder w/Spring Clamp for KP53/KPL53/KMI53 Stg (K64 with 13-5396 adapter)
139-261-00	13-5318.14	Four Slide Holder for SBS Stages
<TBA>	13-5318.04	Four Slide Holder for KP53/KPL53/KMI53 Stages (K64 with 13-5396 adapter)
<TBA>	13-5321.11	T25 Flask Holder for SBS Stage
<TBA>	13-5321.31	T25 Flask Holder for KM3 Stage
120-255-00	13-5321.01	T25 Flask Holder for KP53/KPL53/KMI53 Stage
<TBA>	13-5330.16	Petri-Dish Holder, 60mm for SBS Stages
<TBA>	13-5330.36	Petri-Dish Holder, 60mm for KM3 Stage
120-256-00	13-5330.06	Petri-Dish Holder, 60mm for KP53/KMI53 Stages (K64 with 13-5396 adapter)
139-322-00	13-5396.10	96 Well Microplate Holder for SBS Stages
128-042-00	13-5396.00	Biotech Adapter, K64/KL64 Transm Stages, including 96-Well Microplate Holder
120-288-00	**NEW**	25mm Round Aperature w/Recessed Taper for Short WD Objectives
HW-9990.00	HW-9990.00	Spring Clips (mount on T.P.), Set of 2

## DIGITAL READOUTS

NEW P/N	OLD P/N	
EL-0110.00	<i>EL-0110.00</i>	Quadra-Chek QC-110 Basic Digital Readout, 1 axis
EL-0120.00	<i>EL-0111.00</i>	Quadra-Chek QC-111 Basic Digital Readout, 2 axis
EL-0120.00	<i>EL-0120.00</i>	Quadra-Chek QC-120 Basic Digital Readout, 2 axis
EL-0130.00	<i>EL-0121.00</i>	Quadra-Chek QC-121 Basic Digital Readout, 3 axis
EL-0130.00	<i>EL-0130.00</i>	Quadra-Chek QC-130 Basic Digital Readout, 3 axis
EL-0220.00	<i>EL-0220.00</i>	Quadra-Chek QC-220 Metrology Digital Readout, 2 axis
EL-0230.00	<i>EL-0221.00</i>	Quadra-Chek QC-221 Metrology Digital Readout, 3 axis
EL-0230.00	<i>EL-0230.00</i>	Quadra-Chek QC-230 Metrology Digital Readout, 3-axis
EL-0276.91	<i>EL-0276.91</i>	8-Function Keypad (for QC100/200)
EL-0281.60	<i>EL-0281.60</i>	2-Function Footswitch (for QC100/200/300)
EL-0293.00	<b>**NEW**</b>	QC-Wedge Software w/RS232 Cable (sends coordinates to Excel -- WinXP/Vista required)

## Z-AXIS STAGE & MEASUREMENT

NEW P/N	OLD P/N	
142-715-00	<i>10-3601.00</i>	ZP1 Precision Z-axis Manual Leadscrew Post Stage, 1in travel w/Dovetail Slider
142-719-95	<i>10-3631.75</i>	ZP1 Precision Z-axis Servo Motor Post Stg, 1in travel w/Dovetail Slider, 0.5um res. 12mm/s
142-719-97	<i>10-3631.77</i>	ZP1 Precision Z-axis Stepper Mtr Post Stg, 1in travel w/Dovetail Slider, 0.08um steps 4mm/s
142-725-00	<b>**NEW**</b>	ZC300 Z-Column Dovetail Post, 18in, w/Manual Leadscrew Crank Teflon Slide, 12in travel
142-729-95	<b>**NEW**</b>	ZC300 Z-Column Dovetail Post, 18in, w/Servo Motorized Teflon Slide, 12in travel, 12mm/s
142-739-95	<b>**NEW**</b>	FB1 Precision Z-axis Servo Motor Focus Block, Heavy Duty, 1in travel, 0.32um res. 6mm/s
142-739-97	<b>**NEW**</b>	FB1 Precision Z-axis Stepper Motor Focus Block, Heavy Duty, 1in travel, 0.05um steps 2mm/s
142-227-22	<i>14-5751.23</i>	Z-axis Measuring System w/LCD Display including Mounting, 10um res, 25mm travel
142-227-52	<i>14-5435.52</i>	Z-axis Measuring System w/LCD Display including Mounting, 1um res, 25mm travel
142-227-80	<i>14-3009.80</i>	Z-axis Measuring System incl. Mounting, 0.1um res, 30mm travel ( <i>readout required - see p.6</i> )

## MOTOR CONTROLLERS & ACCESSORIES

NEW P/N	OLD P/N	
142-272-50	<i>17-2358.00</i>	Advanced 2-axis Servo Motor Controller w/Software (Win98/2000/XP/Vista-32 PC req'd)
142-274-50	<i>17-2358.04</i>	Advanced 4-axis Servo Motor Controller w/Software (Win98/2000/XP/Vista-32 PC req'd)
EL-5903.00	<i>EL-5903.00</i>	Ergonomic 3-axis Joystick w/12 Buttons for 142-27#-50 Controller (PC w/USB req'd)
EL-0740.09	<i>EL-0740.09</i>	Oasis 4-axis Stepper Motor Controller X/Y/Z/Focus/Filter-whl (Windows PC w/PCI req'd)
EL-0742.03	<i>EL-0742.03</i>	Ergonomic 3-axis Joystick Unit for EL-0740 Controller
EL-0781.00	<i>EL-0781.00</i>	Surveyor Specimen Scanning Software & Acquisition Drivers for Oasis Controller

## MICROSCOPE MOUNTS for SEMPREX STAGES

Add suffix part# to stage part# when ordering, otherwise standard hole pattern will be used.

Accepts Stage Size: [1] 3x3 [2] 6x4 [3] 6x6 [4] 8x8 [5]12x10 [6] 12x12

[A] Stage requires long knobs

[D] For reflected light stages only

[B] For X-Y stages with paddles and for disk stages

[E] For transmitted light stages only

[C] For X-Y stages without paddles--plain top (no disk stages)

[F] Stage requires short knobs

NEW P/N	OLD P/N	
-CH4	<i>-CH4</i>	Custom Hole Pattern (drawing required, 2-4 holes)
-CR0	<i>-CR0</i>	Simple Riser Pedestal for Base Plate (screws attach from bottom, 1.8x1.8 inch #10-32)
-CR1	<i>-CR1</i>	Riser for BreadBoard Base Plate w/1 inch Centers
-CR2	<i>-CR2</i>	Riser for BreadBoard Base Plate w/25 mm Centers
-CS0	<i>-CS0</i>	Riser w/Custom Circular Insert & Clamp for Reflected Light Stereo Base (drawing req'd)
-L100	<i>-L100</i>	Leica INM-100 Hole Pattern [4]
-L200	<i>-L200</i>	Leica INM-200 Hole Pattern [4]
-L300	<i>-L300</i>	Leica INM-300 Hole Pattern [4,5,6,D]
-L301	<i>-L301</i>	Leica INM-300 Hole Pattern w/Enlarged Cutout in BP [4,5,6,E]
-LE0	<i>-LE0</i>	Leitz Ergolux Spacer [3]
-LE2	<i>-LE2</i>	Leica DME Hole Pattern [1,2]
-LIL	<i>-LIL</i>	Leica DMIL Adapter [biotech stages only except SBS]
-LI3	<i>-LI3</i>	Leica DMI3000/4000/5000/6000 Adapter [biotech stages only except SBS]
-LL0	<i>-LL0</i>	Leica DML-M Replacement Bracket [1,2,D]

-LL1	<del>-LL1</del>	Leica DML-M Adapter & Carrier Modification [2,A,E]
-LM40	<del>-LM40</del>	Leica DM1000/2000/2500/3000/4000/6000 Spacer & BP Modification [2,F]
-LP88	<del>-LP88</del>	Reichert PolyLite 88 Adapter [3,4]
-LR0	<del>-LR0</del>	Leica DMR-M Hole Pattern & Carrier Modification [2,E]
-LR1	<del>-LR1</del>	Leica DMR-M Replacement Bracket [1,2,D]
-M110	<del>-M110</del>	Mitutoyo FS110 Hole Pattern [3,4,B]
-M111	<del>-M111</del>	Mitutoyo FS110 Spacer [3,4,C]
-N040	<del>-N040</del>	Nikon MM 40/60/400 Riser [1,2,F]
-N048	<del>-N048</del>	Nikon MM 800 Riser [1,2,3,4,F]
-N082	<del>-N082</del>	Nikon Eclipse 80i/90i Adapter & Carrier Modification [1,2]
-N100	<del>-N100</del>	Nikon Optiphot 100/M Spacer [1,2]
-N150	<del>-N150</del>	Nikon Optiphot 150 Hole Pattern [3,F]
-N151	<del>-N151</del>	Nikon Eclipse L150 Adapter & Carrier Modification [1,2]
-N152	<del>-N152</del>	Nikon LV100/150 Adapter & Carrier Mod [1,2] [3 w/RefI Stg & F.L. or No Paddle only]
-N200	<del>-N200</del>	Nikon Optiphot 200 Adapter [4]
-N201	<del>-N201</del>	Nikon L200 Adapter & Enlarged Cutout in BP [4]
-N300	<del>-N300</del>	Nikon Optiphot 300 Adapter [4,5,6]
-N600	<del>-N600</del>	Nikon Eclipse ME600/E400 Replacement Bracket [1,2,D]
-N601	<del>-N601</del>	Nikon Eclipse ME600/E400 Adapter & Carrier Modification [1,2,E]
-N66	<del>-N66</del>	Nikon IC66 Hole Pattern [w/o DIC: 3,B] [w/DIC: 3,C]
-N67	<del>-N67</del>	Nikon IC66 (w/o DIC) Spacer [3,C]
-NI2	<del>-NI2</del>	Nikon TE2000/Ti-U Adapter [biotech stages only except SBS]
-OA70	<del>-OA70</del>	Olympus AX70 Replacement Bracket [3,D]
-OB50	<del>-OB50</del>	Olympus BX40-61 Replacement Bracket [1,2,D]
-OB51	<del>-OB51</del>	Olympus BX40-61 Adapter & Carrier Modification [1,2,A,E]
-OH10	<del>-OH10</del>	Olympus BHM/BHN Adapter [1,2]
-OH20	<del>-OH20</del>	Olympus BH2 / BHS Adapter [1,2]
-OH21	<del>-OH21</del>	Olympus BHMJL Adapter [3]
-OH30	<del>-OH30</del>	Olympus BH3MJL-T4 Adapter [3,4,5,6]
-OM40	<del>-OM40</del>	Olympus MX40/51 Spacer [3,F]
-OM50	<del>-OM50</del>	Olympus MX50/61 Adapter [4,5]
-OM51	<del>-OM51</del>	Olympus MX50L/61L Adapter [4,5,6]
-OX70	<del>-OX70</del>	Olympus IX51/71/81 Adapter [biotech stages only except SBS]
-OC41	<del>-OC41</del>	Olympus CKX31/41 Adapter [biotech stages only except SBS]
-OG71	<del>-OG71</del>	Olympus GX71 Adapter [biotech stages only except SBS]
-OG51	<del>-OG51</del>	Olympus GX41/51 Adapter [biotech stages only except SBS]
-ZA0	<del>-ZA0</del>	Zeiss Axio Scope A1 Hole Pattern & Carrier Modification [2,E]
-ZA1	<del>-ZA1</del>	Zeiss Axio Scope A1 Replacement Bracket [1,2,D]
-ZE0	<del>-ZE0</del>	Zeiss AxioTech 100 Replacement Bracket [1,2,D]
-ZE1	<del>-ZE1</del>	Zeiss AxioTech 100 Adapter & Carrier Modification [1,2,E]
-ZI1	<del>-ZI1</del>	Zeiss Axiovert 25/40 Adapter [biotech stages only except SBS]
-ZI2	<del>-ZI2</del>	Zeiss Axiovert 100/200 Adapter [biotech stages only except SBS]
-ZI3	<del>-ZI3</del>	Zeiss Axio Observer Adapter [biotech stages only except SBS]
-ZM2	<del>-ZM2</del>	Zeiss Axio Imager Hole Pattern & Carrier Modification [2,A,E]
-ZM3	<del>-ZM3</del>	Zeiss Axio Imager Replacement Bracket [1,2,D,F]
-ZP0	<del>-ZP0</del>	Zeiss AxioPlan / AxioPhot Adapter [1,2,E]
-ZP1	<del>-ZP1</del>	Zeiss AxioPlan / AxioPhot Replacement Bracket [1,2,D]
-ZR2	<del>-ZR2</del>	Zeiss AxioTron 2 Hole Pattern [3,4,F]
-ZS1	<del>-ZS1</del>	Zeiss AxioSkop 1 Hole Pattern [1,2]
-ZS2	<del>-ZS2</del>	Zeiss AxioSkop 2/40 Hole Pattern & Carrier Modification [2,A,E]
-ZS3	<del>-ZS3</del>	Zeiss AxioSkop 2/40 Replacement Bracket [1,2,D,F]
-ZU0	<del>-ZU0</del>	Zeiss Universal Adapter [1,2]
-ZV0	<del>-ZV0</del>	Zeiss Vario Riser Pedestal [1,2]

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