



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

Electrical Engineering Department

Powai, Mumbai 400076.

Ref No. (PR No.1000056416)

(Rfx No. 6100003061)

Technical Specifications

Custom Design Widefield Setup and its Accessories

Sr. No	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1	Widefield Setup with Accessories (Qty:01)	<u>A) Optics</u> 1) 25 x 36 mm 50:50 UVFS Plate Beamsplitter, Coating: 250 - 450 nm, t = 1 mm Qty -04. 2) 25 x 36 mm Polarizing Plate Beamsplitter, 633 nm. Qty-02. 3) 30 mm Cage Cube-Mounted Variable Beamsplitter for 532 nm, M4 Tap Qty-01. 4) 1" High-Power Polarizing Beamsplitter Cube, 532 nm Qty-01. 5) Achromatic Fiber Collimator, f = 20 mm, FC/APC, ARC: 400 - 650nm Qty-01. 6) 532 nm, f=17.90 mm, NA=0.28, FC/PC Triplet Collimator Qty-01		

		7) 405 nm, f=24.77 mm, NA=0.25, FC/PC Triplet Collimator Qty-01. 8) 633 nm, f=17.99 mm, NA=0.28, FC/PC Triplet Collimator Qty-01. 9) 532 nm, f=24.90 mm, NA=0.25, FC/APC Triplet Collimator Qty-01. 10) SM Pigtailed Aspheri Collimator, EFL 1.97 mm, 532 nm, FC/PC Qty-01. 11) SM Pigtailed Aspheric Collimator, EFL 18.04 mm, 532 nm, FC/PC Qty-01. 12) Single Mode Patch Cable, 633 - 780 nm, FC/ PC, Ø3 mm Jacket 2m Long Qty-02. 13) Single Mode Patch Cable, 488 - 633 nm, FC/ PC, Ø3 mm Jacket 2m long Qty-02. 14) Single Mode Patch Cable with Pure Silica Core Fiber, 405 -532 nm, FC/PC, Ø3 mm Jacket, 2 m Long Qty-02. 15) Single Mode Patch Cable with Pure Silica Core Fiber, 630 - 860 nm, FC/PC, Ø3 mm Jacket, 2 m Long Qty-02. 16) Single Mode Patch Cable with Pure Silica Core Fiber, 320 - 430 nm, FC/PC, Ø3 mm Jacket, 2 m Long Qty-02. 17) Single Mode Patch Cable, 488 - 633 nm, FC/ PC, Ø3 mm Jacket, 5 m Long Qty-01.		
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		18) Ø400 µm, 0.22 NA, SMA-SMA Fiber Patch Cable, Low OH, 2 m Long Qty-02 19) Ø400 µm, 0.22 NA, Low OH, FC/PC-FC/PC Fiber Patch Cable, 2 m Long Qty-02. 20) Single Mode Patch Cable with Pure Silica Core Fiber, 405 -532 nm, FC/PC to SMA, Ø3 mm Jacket, 1 m Long Qty-01 21) Single Mode Patch Cable with Pure Silica Core Fiber, 400 - 680 nm, FC/PC to FC/APC, Ø3 mm Jacket, 1 m Long Qty-02. 22) Single Mode Patch Cable with Pure Silica Core Fiber, 405 - 532 nm, FC/PC to FC/APC, Ø3 mm Jacket, 1 m Long Qty-02. 23) Single Mode Patch Cable with Pure Silica Core Fiber, 400 -680 nm, FC/APC, Ø3 mm Jacket, 1 m Long Qty-02 24) Single Mode Patch Cable with Pure Silica Core Fiber, 400 - 680 nm, FC/PC to FC/APC, Ø3 mm Jacket, 2 m Long Qty-02 25) Single Mode Patch Cable with Pure Silica Core Fiber, 400 - 680 nm, FC/APC, Ø900 µm Jacket, 1 m Long Qty-02. 26) Ø105 µm, 0.22 NA, SMA905-SMA905 ARCoated MM		
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		Patch Cable, 400 - 700 nm, 2 m Long Qty-02. 27) Ø200 µm, 0.22 NA, SMA905-SMA905 ARCoated MM Patch Cable, 400 - 700 nm, 2 m Long Qty-02. 28) 1x2 Wideband Fiber Optic Coupler, 670 ± 75 nm, 50:50 Split, FC/PC Qty-02. 29) 0.22 NA, Ø105 µm Core Multimode Optical Fiber, Low-OH for 400 - 2200 nm, Double Clad Qty-02. 30) Multimode Fiber, 0.22 NA, High OH, Ø50 µm Core, 250 - 1200 nm Qty-02 31) 1x2 MM Fiber Optic Coupler, Low OH, Ø105 µm Core, 0.22 NA, 50:50 Split, FC/PC to Ø1.25 mm Ceramic Ferrules Qty-01. 32) Cage-Compatible, Cont. Variable, Refl. ND Filter Wheel, OD = 0 - 4.0, M4 Tap Qty-01. 33) Texas Red Ø25 mm Emission Filter, CWL = 630 nm, BW = 69 nm Qty-01. 34) GFP Ø25 mm Excitation, Ø25 mm Emission, and 25.0 mm x 36.0 mm Dichroic Filters Qty-01 35) GFP/Alexa Fluor 488 Ø25 mm Excitation, Ø25 mm Emission, and 25.2 mm x 35.6 mm Dichroic Filters Qty-01.		
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		36) GFP 25.0 mm x 36.0 mm Dichroic Filter, Refl. Band = 452 - 490 nm, Trans. Band = 505 - 800 nm Qty-01. 37) Ø25 mm OG590 Colored Glass Filter, SM1- Threaded Mount, 590 nm Longpass Qty-02. 38) Box with 10 Reflective ND Filters, Ø25 mm, SM1 Mounted, 350 - 1100 nm Qty-01. 39) Box with 10 Absorptive Ø25 mm ND Filters, SM1- Mounted, 400 - 650 nm Qty-01. 40) Mounted Step Variable ND Filter, Ø2.5", OD: 0.04-3.0 Qty-01. 41) $f = 200.0$ mm, Ø1" Achromatic Doublet, SM1- Threaded Mount, ARC: 400 - 1100 nm Qty-02. 42) $f = 18.40$ mm, NA = 0.15, WD = 16.88 mm, Mounted Aspheric Lens, ARC: 350 - 700 nm Qty-01. 43) 1X Camera Tube with C-Mount, Male DIN Dovetail Qty-01. 44) N-BK7 Plano-Convex Lens, Ø1", $f = 200$ mm, AR Coating: 350 - 700 nm Qty-02. 45) N-BK7 Plano-Convex Lens, Ø1", $f = 150$ mm, AR Coating: 350 - 700 nm Qty-02.		
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		46) N-BK7 Plano-Convex Lens, Ø1", f = 100 mm, AR Coating:350 - 700 nm Qty-02. 47) N-BK7 Plano-Convex Lens, Ø1", f = 50 mm, AR Coating: 350- 700 nm Qty-02. 48) Tube Lens, f = 200 mm, ARC: 350 - 700 nm External SM2 Threads Qty-01. 49) Tube Lens, f = 180 mm, ARC: 350 - 700 nm, External SM2 Threads Qty-01. 50)1X - 4X Achromatic Zoom Beam Expander, AR Coated: 400 - 650 nm Qty-01 51)Tube Lens, f = 165 mm, ARC: 350 - 700 nm, External SM2 Threads Qty-01. 52)25 mm x 36 mm Longpass Dichroic Mirror, 425 nm Cut-On Qty-01. 53)25 mm x 36 mm Longpass Dichroic Mirror, 560 nm Cut-On Qty-03 54)25 mm x 36 mm Longpass Dichroic Mirror, 505 nm Cut-On Qty-01 55)Ø1" Broadband Dielectric Mirror, 400 - 750 nm, 10 Pack Qty-03. 56)25 mm x 36 mm Longpass Dichroic Mirror, 638 nm Cut-On Qty- 01. 57)25 mm x 36 mm Protected Silver Mirror Qty-05.		
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		58) Ø1" Broadband Dielectric Mirror, 750 - 1100 nm, 10 Pack Qty-01. 59) 25 mm x 36 mm Visible Cold Mirror, AOI: 45° , 1 mm Thick Qty-02. 60) 60X Olympus Plan Fluorite Objective with Correction Collar, 0.9 NA, 0.2 mm WD Qty-01. 61) 20X Mitutoyo Plan Apochromat Objective, 436 - 656 nm, 0.42 NA, 20 mm WD Qty-01. 62) 100X Mitutoyo Plan Apochromat Objective, 436 - 656 nm, 0.70 NA, 6 mm WD Qty-01. 63) Ø1" Linear Polarizer with N-BK7 Windows, 400-700 nm Qty-03 64) Left-Handed Circular Polarizer, 532 nm Qty-02. 65) Right-Handed Circular Polarizer, 532 nm Qty-02 66) Left-Handed Circular Polarizer, 633 nm Qty-02 67) Right-Handed Circular Polarizer, 633 nm Qty-02. 68) Ø1" Double Linear Polarizer Variable Attenuator with N-BK7 Windows, 400-700 nm Qty-02. 69) Ø25.0 mm Unmounted Linear Polarizer, 650 - 2000 nm Qty-01.		
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		70) Ø1" Zero-Order Half-Wave Plate, SM1- Threaded Mount, 532nm Qty-04. 71) Ø1" Zero-Order Quarter-Wave Plate, SM1- Threaded Mount, 532nm Qty-02. 72) Ø1/2" Zero-Order Quarter-Wave Plate, SM05- Threaded mount 532nm Qty-01. 73) Ø1/2" Zero-Order Half-Wave Plate, SM05- Threaded Mount, 532nm Qty-01. <u>B)Optomechanical</u> <u>Components + Electronics</u> 1)Objective Lens Turret, 4 RMS-Threaded Objective Ports Qty-01. 2)SM1 (1.035"-40) Coupler, External Threads, Fixed Shoulder and Locking Ring Qty-04. 3)Adapter with External C-Mount Threads and External SM1 Threads, 3.2 mm Spacer Qty-01. 4)Adapter with External SM1 Threads and Internal RMS Threads Qty-02. 5)FC/PC Fiber Adapter Plate with External SM1 (1.035"-40) Threads, Narrow Key (2.0 mm) Qty-03. 6)Adapter Plate for HDR50 and DDR100 Stages, M6 Taps Qty-01.		
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		7)SM1-Threaded Adapter for $\varnothing 15 \text{ mm}$, $\geq 0.35''$ (8.9 mm) Long Cylindrical Components Qty-06. 8)30 mm Cage System Iris Diaphragm ($\varnothing 0.8 - \varnothing 20\text{mm}$) Qty-08. 9)Spanner Wrench for SM1- Threaded Retaining Rings, Length = 1.00'' Qty-02. 10) Nosepiece for 5 Objectives, RMS ThreadsQty- 01. 11)Mounting Arm for CSN200 Series Nosepieces and CSN110 Nosepiece Adapter Qty-01. 12)Brass Microscope Adapter with External M32 x 0.75 Threads and Internal W26 x 0.706 Threads Qty-02. 13)Cerna Microscope Nosepiece Mounting Arm Adapter, Male D1T Dovetail, Internal M32 x 0.75 Threads, 30 mm and 60 mm Cage Compatibility Qty-01. 14)Adapter with Female D1N Dovetail and Bores for 60 mm Cage System Qty-04. 15)Adapter with Male D1N Dovetail, External SM2 Threads, and Internal M38 x 0.5 Threads Qty-02. 16)Brass Microscope Adapter with External RMS Threads		
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		and Internal W26 x 0.706 Threads Qty-5 17) Ø1/2" Unthreaded Adapter for Ø11 mm Cylindrical Components Qty-02 18) Adapter with External C- Mount Threads and Internal SM2 Threads, 4.9 mm Spacer Qty-02. 19) Adapter with External RMS Threads and Internal SM05 Threads Qty-05. 20) RMS-Threaded Adapter for M11 x 0.5-Threaded Components Qty-04. 21) Flip Mount Adapter, Metric Qty-05 22) Extra Filter Holder Insert for Ø1" Optics for use with CFH2R(/M) Qty-02. 23) Slip Ring for SM1 Lens Tubes and C-Mount Extension Tubes, M4 Tap Qty-04. 24) Externally SM2-Threaded Mounting Adapter with Ø1.20" 15) (Ø30.5 mm) Bore and 2" Outer Diameter Qty-02. 25) Adapter with External SM2 Threads and Internal M43 x 0.5 Threads Qty-02. 26) SM1-Threaded Adapter for Ø16 mm, ≥0.35" (8.9 mm) Long Cylindrical Components Qty-02.		
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		27) Complete Periscope Assembly, Metric (Mirrors Not Included) Qty-01. 28) SM1-Threaded Adapter for Ø16 mm, $\geq 0.35''$ (8.9 mm) Long Cylindrical Components Qty-02. 29) Adjustable Collimation Adapter with Ø1" Lens, AR Coating: 350 - 700 nm Qty-02. 30) 30 mm Cage Alignment Plate with Ø5 mm Hole Qty-02. 31) 30 mm Cage Alignment Plate with Ø0.9 mm Hole Qty-02. 32) Alignment Plate for Ø1" Fixed Lens Mounts Qty-02. 33) Alignment Plate for Ø1/2" Fixed Lens Mounts Qty-02. 34) Externally SM05-Threaded Alignment Disk with Ø2 mm Through Hole Qty-01. 35) Ø1" SM1-Mounted Frosted Glass Alignment Disk w/Ø1 mm Hole Qty-02. 36) Aluminum Breadboard, 450 mm x 600 mm x 12.7 mm, M6 Taps Qty-01. 37) Aluminum Breadboard, 300 mm x 450 mm x 12.7 mm, M6 Taps Qty-01. 38) Breadboard Top, 450.0 mm x 116.8 mm, M6 x 1.0 Taps, Male DIN Dovetail Qty-01.		
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		39) Aluminum Breadboard, 600 mm x 600 mm x 12.7 mm, M6 Taps Qty-01. 40) 12-Piece, Breadboard Mountable Balldriver and Tool Caddy Kit, Metric Qty-03. 41) 50 Ω Fixed Stub-Style BNC Terminator Qty-10. 42) RG-58 BNC Coaxial Cable, BNC Male to BNC Male, 12" (304 mm) Qty-05. 43) RG-58 BNC Coaxial Cable, BNC Male to BNC Male, 24" (609 mm) Qty-05. 44) RG-58 BNC Coaxial Cable, BNC Male to BNC Male, 36" (914 mm) Qty-05. 45) RG-58 BNC Coaxial Cable, BNC Male to BNC Male, 48" (1219 mm) Qty-05. 46) RG-58 BNC Coaxial Cable, BNC Male to BNC Male, 60" (1524 mm) Qty-05. 47) LED Connection Cable, 2 m, M8 Connector, 4 Wires Qty-02. 48) RG-174 Coaxial Cable, MMCX Male to BNC Male, 1.8 m (72") Qty-07. 49) 30 mm Cage Cube with Dichroic Filter Mount (Metric) Qty-08. 50) Blank 30 mm Cage Plate, 8.9 mm Thick, M4 x 0.7 Tap Qty-12.		
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		51) Right-Angle Kinematic Mirror Mount with Smooth Cage Rod Bores, 30 mm Cage System and SM1 Compatible, M4 and Qty-45. 52) 30 mm Cage Cube Connector for C4W and C6WR Series cubes Qty-10. 53) 30 mm Cage Cube, Ø6 mm Through Holes Qty-04. 54) Fixed Cage Cube Platform for C4W/C6WR, Metric Qty-01. 55) 30 mm Cage Cube Rotation Platform (Metric) Qty-01. 56) Ø1" Optic Mount for 30 mm Cage Cube with Setscrew Optic Retention Qty-01. 57) SM1-Threaded 30 mm Cage Plate, 0.50" Thick, 2 Retaining Rings, M4 Tap Qty-20. 58) SM1-Threaded 30 mm Cage Plate, 0.35" Thick, 2 Retaining Rings, M4 Tap Qty-20. 59) XY Translator with 100 TPI Drives, Metric Qty-02. 60) Z-Axis Translation Mount, 30 mm Cage Compatible, 8-32 Tap Qty-10. 61) Right-Angle Mounting Plate, M6 x 1.0 Compatible Qty-02. 62) Large Right-Angle Mounting Plate, M6 x 1.0 Compatible Qty-01.		
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		63) Angle Bracket for Edge-Mounted Arms Qty-01. 64) Epi-Illuminator Module for 1 Cube, Male & Female DIN Dovetails Qty-02. 65) OEM Microscopy Cube Assembly for Olympus AX, BX2, IX2, and Thorlabs Cerna Microscopes with WFA2001 or WFA2002 Epi-Illuminator Module Qty-02. 66) Kinematic Fluorescence Filter Cube for Ø25 mm Fluorescence Filters, 30 mm Cage Compatible, Right Turning, M6 Tapped Holes Qty-06. 67) 45° Mirror Mount for Ø1" Optics Qty-04. 68) 60 mm Cage System Cover, 24" Long, Pack of 4 Qty-05. 69) 30 mm Cage System Cover, 24" Long, Pack of 4 Qty-05. 70) SM2 Lens Tube, 3.9" Thread Depth, One Retaining Ring Included Qty-02. 71) SM1 Lens Tube, 0.30" Thread Depth, SM1RR Retaining Ring, 5 Pack Qty-04. 72) SM1-Threaded Adapter for Ø11 mm, $\geq 0.35"$ (8.9 mm) Long Cylindrical Components Qty-04. 73) Precision Cage Rotation Mount with Micrometer Drive,		
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		Ø1" Optics, M4 Tap Qty-10. 74) Ø1" Precision Kinematic Mirror Mount, 3 Adjusters Qty-10. 75) Polaris® SM1-Threaded Ø1" Mirror Mount, 3 Adjusters, 2 Retaining Rings Included Qty-10. 76) Kinematic Fluorescence Filter Cube for Ø25 mm Fluorescence Filters, 30 mm Cage Compatible, Left Turning, M6 Tapped Holes Qty-20. 77) 13 mm Travel Manual Translation Stag for 30 mm Cage Systems Qty-01. 78) 30 mm Cage System, XY Translating Lens Mount for Ø1" Optics Qty-05. 79) Rotation Mount for Ø1" (25.4 mm) Optics, External SM1 Threads Qty-05. 80) Rotation Mount for Ø1/2" (Ø12.7 mm) Optics, External SM1 Threads Qty-04. 81) 73.7 mm x 73.7 mm Kinematic Platform Mount Qty-02. 82) 48.6 mm x 48.6 mm Kinematic Platform Mount Qty-02. 83) Ø1" Optic Mount for Use with CT1B(/M), CT1P(/M) or MS Stages Qty-02.		
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		84) XY Translating Lens Mount for Use with CT1B(/M), CT1P(/M), or MS Stages Qty-02. 85) Lens Mount with Retaining Ring for Ø1" Optics, M4 Tap, 5 Pack Qty-02 86) 30 mm Cage Plate, Ø1.2" Double Bore for SM1 and C-Mount Lens Tubes Qty-06. 87) Externally SM1-Threaded End Cap Qty-20. 88) Pivoting, Quick-Release, Ø1" Optic Mount for 30 mm Cage System (Metric) Qty-06 89) 30 mm Cage System Iris Diaphragm (Ø0.8 - Ø20 mm) Qty-05. 90) 2-Axis USB HID Joystick Qty-01. 91) 2-Channel Benchtop 3-Phase Brushless DC Servo Controller Qty-01. 92) K-Cube Stepper Motor Controller (Power Supply Not Included) Qty-04 93) Ethernet and USB Controller Hub and Power Supply for Six K-Cubes Qty-01. 94) 25 mm Travel, DC Servo Motor Actuator, Ø3/8" Mounting Barrel Qty-04.		
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		95) Motorized Module with 1" Travel, 95 mm Dovetail Qty-01. 96) LED Driver, 4.0 A Max, 14.0 V Max Qty-02. 97) Projected Capacitive Touchscreen Optical Power and Energy Meter Console Qty-01. 98) Three-Channel Stepper Motor Controller for Cerna Components Qty-01. 99) 3-Knob USB HID Joystick Qty-01. 100) Ch 1: $\lambda = 406 \text{ nm}$, 4 mW, S405-XP, FabryPerot Ch 2: $\lambda = 488 \text{ nm}$, 18 mW, 460HP, FabryPerot Ch 3: $\lambda = 520 \text{ nm}$, 10 mW, 460HP, FabryPerot Ch 4: $\lambda = 638 \text{ nm}$, 10 mW, SM600, FabryPerot Qty-01 101) 4900 K, 740 mW (Min) Mounted LED, 1225 Ma Qty-01. 102) 3000 K, 1713 mW (Min) Mounted LED, 700 mA Qty-01. 103) High-Power Noise Eater / EO Modulator for 475 - 650 nm, M4 Taps Qty-01. 104) Dual Scanning Slit Beam Profiler, 200 - 1100 nm, $\varnothing 2.5 \mu\text{m} - \varnothing 9 \text{ mm}$, Metric Qty-01. 105) C6WR Platform Adapter Kit, Metric Qty-01.		
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		106) Ø25 mm Post Spacer and M6 Setscrew Kit Qty-02. 107) Posts & Accessories Essentials Kit, Metric and Universal Components, 254 Pieces Qty-01. 108) Pillar Post Essentials Kit, Metric and Universal Components, 132 Pieces Qty-01. 109) SM1 Lens Tube Essentials Kit, Universal Components, 133 Pieces Qty-01. 110) M4 Cap Screw and Hardware Kit Qty-01. 111) M4 Setscrew and Hardware Kit Qty-01. 112) M6 Cap Screw and Hardware Kit Qty-02. 113) M6 Setscrew and Hardware Kit Qty-01. 114) Metric Screw Thread Adapter Kit Qty-01. 115) Ø1" N-BK7 Plano-Convex Lens Kit, AR Coating: 650-1050 nm, 14 pc Qty-01. 116) Ø1" N-BK7 Plano-Convex Lens Kit, AR Coating: 350-700 nm, 14 pc Qty-01. 117) Hard-Coated VIS/NIR Bandpass Filter Kit (10 nm FWHM), Mounted, Set of 10 Qty-01. 118) Hard-Coated VIS/NIR Bandpass Filter Kit (40 nm		
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		FWHM), Mounted, Set of 10 Qty-01. 119) Mounted Ø1" Achromatic Lens Kit, AR Coating: 400 - 700 nm Qty-01. 120) Microscope Slide Spring Clips, M4 Thread, Qty: 2 Qty-04. 121) Beam Block, 400 nm - 2 µm, 10 W Max Avg. Power, Pulsed and CW, Includes TR75/M Post Qty-10. 122) Standard Iris, Ø36.0 mm Max Aperture Qty-10. 123) UV/VIS Detector Card, 300 - 540 nm Qty-02. 124) VIS/IR Detector Card, 400 - 640 nm, 800 - 1700 nm Qty-03. 125) NIR Detector Card, 700 - 1400 nm Qty-02. 126) Infrared Viewer, 350 - 1700 nm Qty-01. 127) Spanner Wrench for SM05-Threaded Retaining Rings, Length = 1.00" Qty-01. 128) Spanner Wrench for SM1-Threaded Adapters, Length = 1" Qty-01. 129) 190-Piece Hex Key Kit, Metric Qty-01. 130) Forceps, Solid Stainless Steel Qty-02. 131) Angled Forceps, Solid Stainless Steel Qty-02.		
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		132) Negative 1951 USAF Test Target Groups 0-7, 1" x 1" Qty-01. 133) Connector Cleaning Sticks, 10 Cleaning Sticks per Package, 5 Packages per Box Qty-05. 134) Precision Fiber Cleaning Fluid Qty-02. 135) 16 mm Cage Cube Connector for DFM05 Series Cube Base Qty-10. 136) SMA to SMA Mating Sleeve, 10 Pack Qty-01. 137) FC/PC to FC/PC Mating Sleeve, Wide Key (2.2 mm), D-Hole Qty-10. 138) Microscope Slide Power Sensor, 350 - 1100 nm, 10 nW - 150 mW Qty-01. 139) Laser Safety Glasses, Topaz Lenses, 47% Visible Light Transmission, Universal Style Qty-10. 140) Standard Photodiode Power Sensor, Si, 400 - 1100 nm, 500 nW - 500 mW Qty-01. 141) Variable Attenuator Insert for use with CFH2R(/M) and Fiber Optic Filter Mounts Qty-01. 142) Compact Slim Photodiode Power Sensor, Si, 400 - 1100 nm, 20 nW - 50 mW Qty-01. 143) In-Line Multimode Fiber Optic Filter Mount, 450 nm -		
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		20 μm, M6 Tap, SMA Qty-01. 144) 16-Position Motorized Pinhole Wheel for Confocal Imaging, Uncoated Optics Qty-01. 145) In-Line Multimode Fiber Optic Filter Mount, 450 nm - 20 μm, M6 Tap, FC/PC Qty-01. 146) Microscope Slide Thermal Power Sensor, 300 nm - 10.6 μm, 100 μW - 2 W Qty-01. 147) Ø1.5" Mounting Post, M6 Taps, L = 300 mm Qty-03. 148) Mounting Post Base, Ø2.48" x 0.40" Thick Qty-03. 149) Ø25.0 mm Pedestal Pillar Post, M4 Taps, L = 38 mm Qty-03. 150) Clamping Fork for Ø1.25" Pedestal Bases, 31.5 mm Counterbored Slot, M6 x 1.0 Captive Screw Qty-30. 151) Ø25.0 mm Pedestal Pillar Post, M6 Taps, L = 50 mm Qty-12. 152) Ø25.0 mm Pedestal Pillar Post, M6 Taps, L = 90 mm Qty-03 153) Ø25.0 mm Pedestal Pillar Post, M4 Taps, L = 100 mm Qty-02. 154) Ø25.0 mm Pedestal Pillar Post, M4 Taps, L = 25 mm Qty-04		
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		155) Ø25.0 mm Pedestal Pillar Post, M6 Taps, L = 50 mm Qty-04. 156) 66 mm Construction Rail, L = 500 mm Qty-01. 157) Mounting Platform for 66 mm Rails, Three 1/4" (M6) Counterbores, 50 mm Long Qty-04. 158) Clamping Platform for 66 mm Rails, 1/4" Counterbored Slot, 40 mm Long Qty-04. 159) Cerna Microscope Body with Epi-Illumination Arm, 400 mm Rail Qty-01. 160) 40 mm Long Double Dovetail Clamp for 66 mm Rails Qty-04. 161) 20 mm Long Double Dovetail Clamp for 66 mm Rails Qty-02. 162) Rotating Clamp for Ø1/2" Posts, 360° Continuously Adjustable, 5 mm Hex Qty-02. 163) Right-Angle Clamp for Ø1/2" Posts, 5 mm Hex Qty-02. 164) Left-Handed 45° Angle Clamp for Ø1/2" Posts, 5 mm Hex Qty-02. 165) Right-Angle Ø25.0 mm to Ø1/2" Post Clamp Qty-01. 166) Rigid Stand Post Holder, L = 150 mm Qty-01.		
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		167) Ø1.5" Post with 66 mm Rail Clamp, L = 150 mm Qty-01. 168) 66 mm Single Dovetail Rail, M6 x 1.0 Taps, 200 mm x 59.9 mm Qty-01. 169) Ø12.7 mm Optical Post, SS, M4 Setscrew, M6 Tap, L = 40 mm, 5 Pack Qty-02. 170) Ø12.7 mm Pedestal Post Holder, SpringLoaded HexLocking Thumbscrew, L=54.7 mm Qty-10. 171) Ø12.7 mm Optical Post, SS, M4 Setscrew, M6 Tap, L = 20 mm, 5 Pack Qty-02. 172) Ø12.7 mm Optical Post, SS, M4 Setscrew, M6 Tap, L = 30 mm, 5 Pack Qty-02. 173) Ø12.7 mm Optical Post, SS, M4 Setscrew, M6 Tap, L = 40 mm, 5 Pack Qty-02. 174) Ø12.7 mm Optical Post, SS, M4 Setscrew, M6 Tap, L = 50 mm, 5 Pack Qty-02. 175) Ø12.7 mm Optical Post, SS, M4 Setscrew, M6 Tap, L = 75 mm, 5 Pack Qty-02. 176) Ø12.7 mm Optical Post, SS, M4 Setscrew, M6 Tap, L = 100 mm, 5 Pack Qty-02. 177) Ø12.7 mm Post Holder, Spring-Loaded HexLocking Thumbscrew, L=30 mm, 5 Pack Qty-03.		
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		178) Ø12.7 mm Post Holder, Spring-Loaded HexLocking Thumbscrew, L=50 mm, 5 Pack Qty-03 179) Ø12.7 mm Post Holder, Spring-Loaded HexLocking Thumbscrew, L=75 mm, 5 Pack Qty-03. 180) Clamping Fork for Ø1.25" Pedestal Bases, 1.24" Counterbored Slot, Universal, 5 Pack Qty-09. 181) Right-Angle Clamp for Ø1/2" Posts, 5 mm Hex, 5 Pack Qty-2 182) Rotating Clamp for Ø1/2" Posts, 360° Continuously Adjustable, 5 mm Hex, 5 Pack Qty-01. 183) Slip-On Optical Post Collar for Ø1/2" Posts, M6 Thumbscrew, 5 Pack Qty-03 184) Right-Handed 45° Angle Clamp for Ø1/2" Posts, 5 mm Hex, 5 Pack Qty-02. 185) Ø1" Mounted Pinhole, 100 ± 4 µm Pinhole Diameter, Stainless Steel Qty-01. 186) Ø1" Mounted Pinhole, 50 ± 3 µm Pinhole Diameter, Stainless Steel Qty-01. 187) Ø1" Mounted Pinhole, 10 ± 1 µm Pinhole Diameter, Stainless Steel Qty-01.		
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		188) Ø1" Mounted Pinhole, 1 +0.25 / -0.10 µm Pinhole Diameter, Stainless Steel Qty-01. 189) Cage Assembly Rod, 1" Long, Ø6 mm Qty-70 190) Cage Assembly Rod, 3" Long, Ø6 mm Qty-30 191) Cage Assembly Rod, 4" Long, Ø6 mm Qty-30 192) Cage Assembly Rod, 1/2" Long, Ø6 mm Qty-40 193) Cage Assembly Rod, 6" Long, Ø6 mm, 4 Pack Qty-16 194) Cage Assembly Rod, 2" Long, Ø6 mm Qty-60 195) Cage Assembly Rod, 10" Long, Ø6 mm Qty-20 196) Cage Assembly Rod, 12" Long, Ø6 mm Qty-12 197) Cage Assembly Rod, 18" Long, Ø6 mm Qty-16 198) Ø25.0 mm Post Spacer, M6 Tap, L = 6 mm Qty-04 199) Ø25.0 mm Post Spacer, M6 Tap, L = 10 mm Qty-01. 200) Ø25.0 mm Post Spacer, Thickness = 7 mm Qty-01. 201) Ø25.0 mm Post Spacer, Thickness = 9 mm Qty-03. 202) SM1 Lens Tube Spacer, 2" Long Qty-02. 203) SM1 Lens Tube Spacer, 1.5" Long Qty-02. 204) SM1 Lens Tube Spacer, 1" Long Qty-02.		
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		205) 25.4 mm XYZ Translation Stage with Differential Micrometers, M6 Taps Qty-01 206) Direct Drive Continuous Rotation Stage, SM1 Bore, M4 and M6 Taps Qty-02. 207) Kinesis 30 mm Motorized XY Translation Stage, M6 x 1.0 Tapped Holes Qty-02. 208) Ø2" Manual Rotation Stage, Metric Qty-02. 209) 2D Motorized Translation Stage for Rigid Stands Qty-01. 210) 1D Motorized Translation Stage for Rigid Stands Qty-01. 211) Z Stage Hardware Kit for PLS Translation Stages, Metric Qty-01. 212) Top Plate for PLS Translation Stages, Metric Qty-01. 213) Kinesis® 30 mm Vertical Translation Stage, M6 and M4 Tapped Holes Qty-01.		
	Warranty: 90 days against manufacturing defect on optics and One year under normal use for rest.			
	Delivery: 10-12 weeks after receipt of PO			

