

EpiStar™ Metallurgical Microscope

Order Sheet

April 1, 1995

EPISTAR MODEL MAKER

STAND

2560S

With Quintuple Nosepiece
includes:
Single Illuminator for
Incident Light only
2575S Stage Support for
Solid Stages

2560D

With Quintuple Nosepiece
includes:
Dual Illuminators for Simultaneous
Incident and Transmitted Light
2577 Condenser Mount
2578 Condenser Height Adapter
2579 L.W.D. Condenser, N.A. .70,
Working Distance 8mm
2575G Stage Support for Glass Stages

BODIES

B

1102A Binocular

T

1103A Trinocular

STAGES

4

Mechanical Stage w/4 1/4" x 4 1/4"
Travel

Note: Solid Stage, (2574S), supplied
with 2560S, Glass Stage, (2574G),
supplied with 2560D

6

Mechanical Stage w/6" x 6"
Travel

Note: Solid Stage, (2576S), supplied
with 2560S, Glass Stage, (2576G), supplied with
2560D.

OPTICS

1

BF ONLY

3006 6.5X Achromatic Objective
2555 10X Achromatic Objective
2556 20X Achromatic Objective
2557 40X Achromatic Objective
172 10X Widefield Eyepieces (2 req.)

2

BF/DF

2564 6.5X Plan Achromatic Objective
2565 10X Plan Achromatic Objective
2566 20X Plan Achromatic Objective
2567 40X Plan Achromatic Objective
172 10X Widefield Eyepieces (2 req.)

3

BF/DF/DIC

2564S 6.5X Objective
2565S 10X Objective
2566S 20X Objective
2567S 40X Objective
2580 DIC Prism Turret
1152A Analyzer
172 10X Widefield Eyepieces (2 req.)
2584 6.5 DIC Prism
2585 10X DIC Prism
2586 20X DIC Prism
2587 40X DIC Prism

Key

BF Brightfield
DF Darkfield
DIC Differential Interference
Contrast
LWD Long Working Distance
NA Numerical Aperture

Cat. No.	Description
EPISTAR MODELS	
Examples of the most popular models are shown below. If the model you require is not shown use the model maker to determine the model number and price. Note: 240V configurations are available upon request for an additional \$300.00 net for incident illumination, \$600.00 net for both incident and transmitted illumination.	
2560SB-41	EpiStar, 4" x 4" Stage, Brightfield, Binoc.
2560SB-42	EpiStar, 4" x 4" Stage, Brightfield/Darkfield, Binoc.
2560SB-61	EpiStar, 6" x 6" Stage, Brightfield, Binoc.
2560SB-62	EpiStar, 6" x 6" Stage, Brightfield/Darkfield, Binoc.
2560ST-62	EpiStar, 6" x 6" Stage, Brightfield/Darkfield, Trinoc.
2560DB-41	EpiStar, 4" x 4" Stage, Brightfield, Binoc., Refl. and Trans. Light
2560DB-61	EpiStar, 6" x 6" Stage, Brightfield, Binoc., Refl. and Trans. Light
2560DB-42	EpiStar, 4" x 4" Stage, Brightfield/Darkfield, Binoc., Refl. and Trans. Light
2560DT-42	EpiStar, 4" x 4" Stage, Brightfield/Darkfield, Trinoc., Refl. and Trans. Light
2560DT-62	EpiStar, 6" x 6" Stage, Brightfield/Darkfield, Trinoc., Refl. and Trans. Light
2560SB-43	EpiStar, 4" x 4" Stage, Brightfield/Darkfield/DIC, Binoc.
2560SB-63	EpiStar, 6" x 6" Stage, Brightfield/Darkfield/DIC, Binoc., Refl. and Trans. Light
2560DT-63	EpiStar, 6" x 6" Stage, Brightfield/Darkfield/DIC, Trinoc., Refl. and Trans. Light
EYEPIECES	
172	10X Widefield Eyepiece (2 required)
184	15X Widefield Eyepiece (2 required)
473	10X Widefield Eyepiece, Focusable (Single)
VIEWING BODIES AND ACCESSORIES	
1102A	Binocular Body
1103A	Trinocular Body
3002	Image Erector Magnification Factor 1.5X
OBJECTIVES	
3006	6.5X Brightfield Obj. Achromat, 0.2 N.A., 18mm Working Distance
2555	10X Brightfield Obj. Plan Achromat, 0.25 N.A., 9.2mm Working Distance

Cat. No.	Description
2556	20X Brightfield Obj. Plan Achromat, 0.50 N.A., 1.5mm Working Distance
2557	40X Brightfield Obj. Plan Achromat, 0.66 N.A., 0.6mm Working Distance
1866	40X Brightfield Obj. Plan Achromat, 0.55 N.A., 3.5mm Working Distance
1867	100X Dry Brightfield Obj. Plan Achromat, 0.90 N.A., 0.3mm Working Distance
2564	6.5X Brightfield/Darkfield Obj. Plan Achromat, 0.15 N.A., 10.7mm Working Distance
2565	10X Brightfield/Darkfield Obj. Plan Achromat, 0.25 N.A., 4.3mm Working Distance
2566	20X Brightfield/Darkfield Obj. Plan Achromat, 0.50 N.A., 1.6mm Working Distance
2567	40X Brightfield/Darkfield Obj. Plan Achromat, 0.66 N.A., 0.6mm Working Distance
2568	60X Brightfield/Darkfield Obj. Plan Achromat 0.8 N.A., 0.29mm Working Distance
2564S	6.5X Strain Free Brightfield/Darkfield Obj. Plan Achromat, 0.15 N.A., 10.7mm Working Distance
2565S	10X Strain Free Brightfield/Darkfield Obj. Plan Achromat, 0.25 N.A., 4.3mm Working Distance
2566S	20X Strain Free Brightfield/Darkfield Obj. Plan Achromat, 0.5 N.A., 1.6mm Working Distance
2567S	40X Strain Free Brightfield/Darkfield Obj. Plan Achromat, 0.66 NA, 0.6mm Working Distance
2568S	60X Strain Free Brightfield/Darkfield Obj. Plan Achromat, 0.8 N.A., 0.29mm Working Distance
1867S	100X Strain Free Brightfield Obj. Plan Achromat, 0.9 N.A., 0.3mm Working Distance
STAGES AND STAGE ACCESSORIES	
2574S	4 1/4" x 4 1/4" Solid Stage
2574G	4 1/4" x 4 1/4" Stage with Glass Insert
2575S	Stage Support for S Stage
2575G	Stage Support for G Stage
2576S	6" x 6" Solid Stage
2576G	6" x 6" Stage with Glass Insert
K2740	Mounting rails for 2574S on EpiStar
K2741	Mounting rails for 2574G on EpiStar
K2743A	3" Wafer paddle for 4 x 4 stage

Cat. No.	Description
K2743B	3" Mask holder for 4 x 4 stage
K2744A	4" Wafer paddle for 4 x 4 stage
K2744B	4" Mask holder for 4 x 4 stage
K2749	3"/4" 3 position wafer carousel for 4 x 4 stage
K2764A	4" Wafer paddle for 6 x 6 stage
K2764B	4" Mask Holder for 6 x 6 stage
K2765B	5" Mask Holder for 6 x 6 stage
K2766A	6" Wafer paddle for 6 x 6 stage
K2766B	6" Mask Holder for 6 x 6 stage
K2769	4"/5" 3 position wafer carousel for 6 x 6 stage
DIC AND POLARIZED LIGHT ACCESSORIES	
2584	6.5X Prism
2585	10X Prism
2586	20X Prism
2587	40X Prism
2588	60X Prism
2589	100X Prism
1879-864	Polarizer Turret for Incident Light
1153	Polarizer with full wave plate for Transmitted Light
1152A	Analyzer Turret (for use w/Incident or Transmitted Light)
K2832	1163 Polarizer with 1/4 wave plate
*NOTE: The prisms listed above are to be ordered with complete DIC configurations only. Prisms cannot be installed separately.	
CONDENSER AND ACCESSORIES	
2577	Condenser Mount
2578	Condenser Height Adapter
2579	Long Working Distance Condenser, N.A., 70, Working Distance 8mm
ACCESSORIES	
K2896	50W Fiber Optic Illuminator, 120V, 60Hz
K2896E	50W Fiber Optic Illuminator, 240V, 50Hz
K2896-1	Replacement Lamp for K2896
K2779	24" Fiber Optic Light Guide for EpiStar
1120	6V 20W Halogen Lamp for Transmitted Light Illuminator

Cat. No.	Description
1858	Replacement Lamp 6V/20W Halogen for Reflected Light
1056T	C Mount CCTV Coupler
K2977	Deluxe Video Adapter
FILAR MICROMETER EYEPIECES	
424B	Filar Micrometer Eyepiece, English Scale
426B	Filar Micrometer Eyepiece, Metric Scale
MEASURING ACCESSORIES	
148	Micrometer Disc Mount
FLUORESCENT ILLUMINATION	
2090A	Vertical fluorescence illuminator (requires K2841)
K2841	Adapter to mount 2090A on EpiStar
1711	Fluorcluster—Negative Photo Resist (436/450/GG475)
1714A	Fluorcluster—Positive Photo Resist (546/560/)G590)
2085	Power Supply for 50W HBO, 110V
2085E	Power Supply for 50W HBO, 220V
2091	Power Supply for 100W HBO, 75W XBO, 110V
2091V	Power Supply for 100W HBO, 75W XBO, 220V
1134A	Power Supply for 100W Halogen, 110V
1134E	Power Supply for 100W Halogen, 220V
2081	Lampholder for 100W Halogen
2082	Lampholder for 50W HBO
2083A	Lampholder for 100W HBO
2084A	Lampholder for 75W XBO
2052	Lamp 12V, 100W Tungsten Halogen
2055	Lamp 50W Mercury
2087	Lamp 100W Mercury
2088	Lamp 75W Xenon
For Photosystems and CCTV accessories see Photomicrography and Video Systems Price List.	
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