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A16.2614-L

Inverted LED Fluorescent Microscope



Product Details



Head & Eyepiece

Seidentopf Trinocular Head Inclined 45° Interpupillary Distance 48~76mm, **Light Split Switch**
E100:P0 / E20:P80

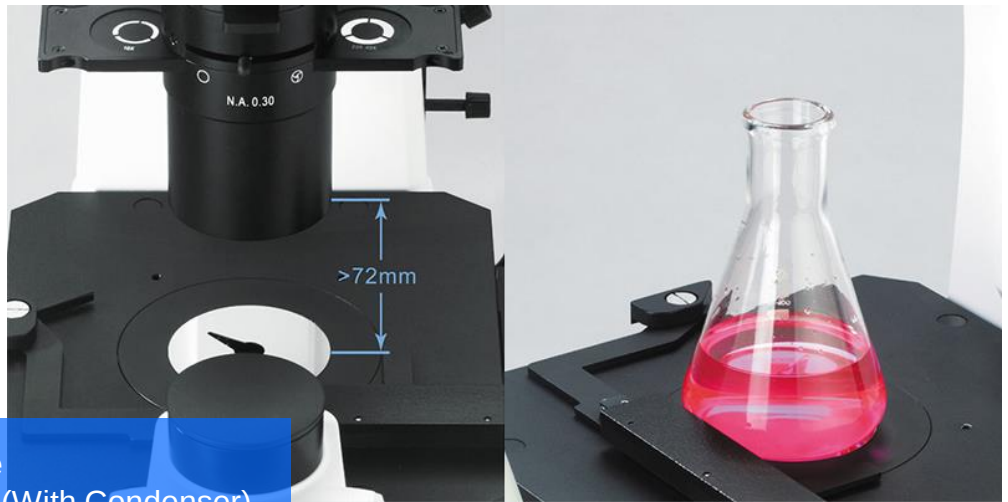
WF10x/22mm, Dia.30mm, High Eyepoint, Diopter Adjustable



Condenser & Light Source With Filters: Blue, Dia.34mm; Green, Dia.34mm

Koehler Illumination Halogen 6V/30W For A14.2603

Koehler Illumination 5W LED For A14.2603-TR



Long Working Distance

Working Distance 72mm (With Condenser),
195mm (Without Condenser)



Working Stage

Mechanical Stage Size 210x241mm, Round
Slide Size Φ 110mm
Culture Dish Holder 54mm



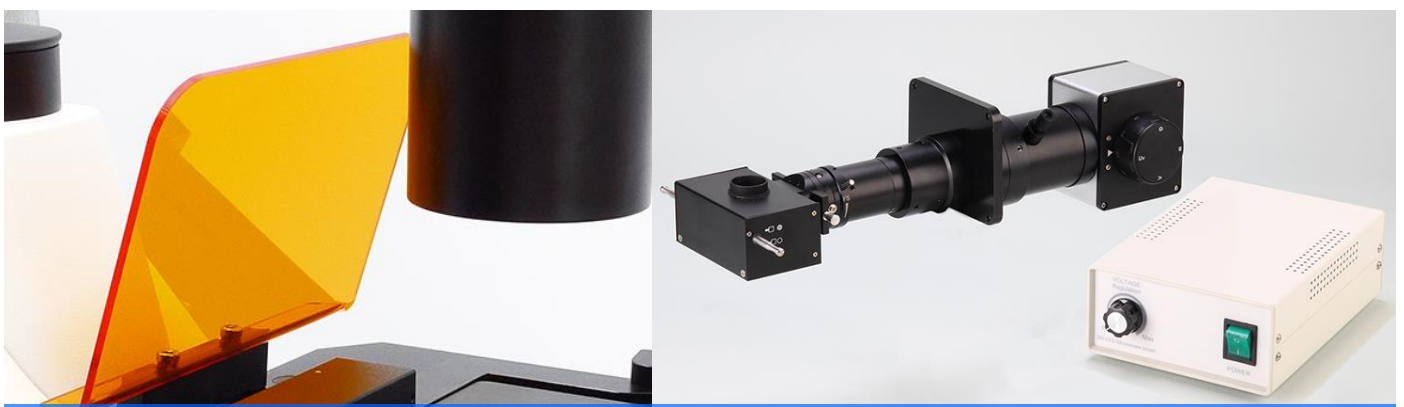
Objectives

LWD Infinity Plan Fluorescent
Objectives 10x, 20x, 40x
LWD Infinity Plan Phase Contrast
Fluorescent Objectives 20x

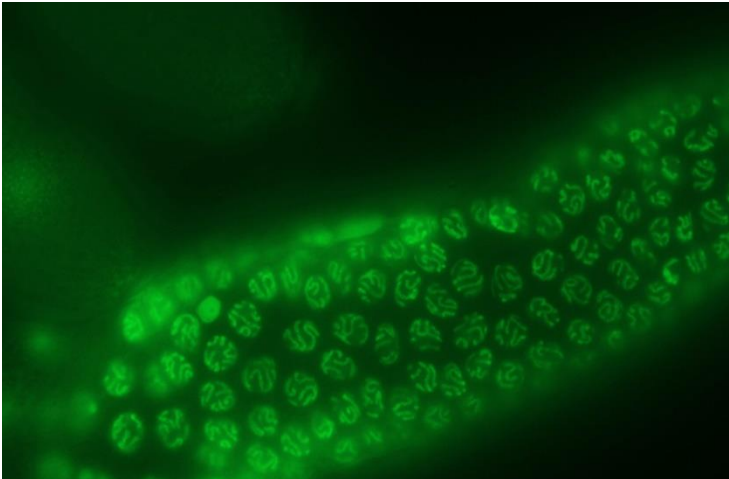


A5F.2603 Epi Fluorescence Illumination

China Fluorescent Filter,
5W LED Lamp House
5W LED Power Box
Ultraviolet Protection Barrier
Fluorescent Slide Unit 3 Holes, With Filter
Diaphragm, Center Adjustable
5W LED B,G Lamp Each 1 pc



5W LED Lamp House & Power Box, Ultraviolet Protection Barrier

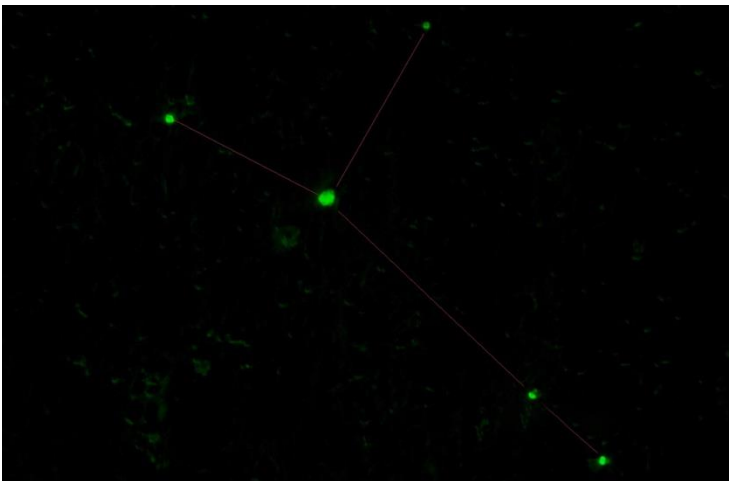
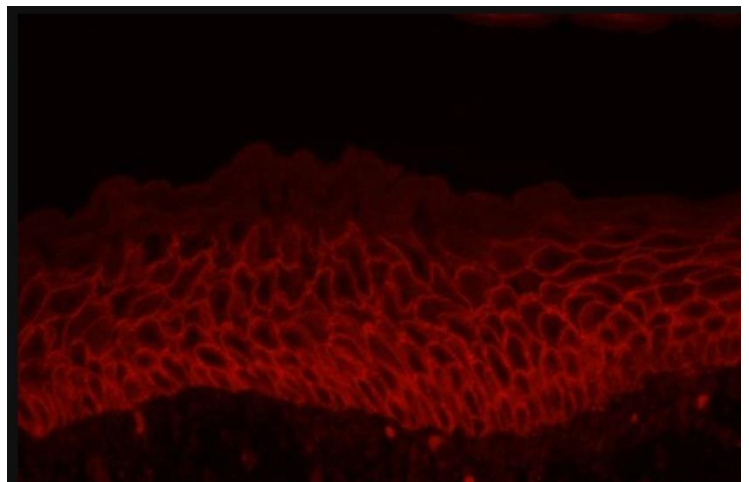


Galloping chromosome

The gonads of *C. elegans* are long-shaped, and the cells in the specific period of meiosis are concentrated in specific areas. The period of the cells can be easily distinguished by observing the morphological characteristics of the chromosomes. The different forms of chromosomes in different periods are like showing us our unique dance.

Huge spark

Visually show the morphological characteristics and levels of stratified squamous cells. Preparation method: Immunofluorescence staining (E-cadherin) was performed on the oral mucosa tissue of mice, and the staining results were observed under a fluorescence microscope and photographed.

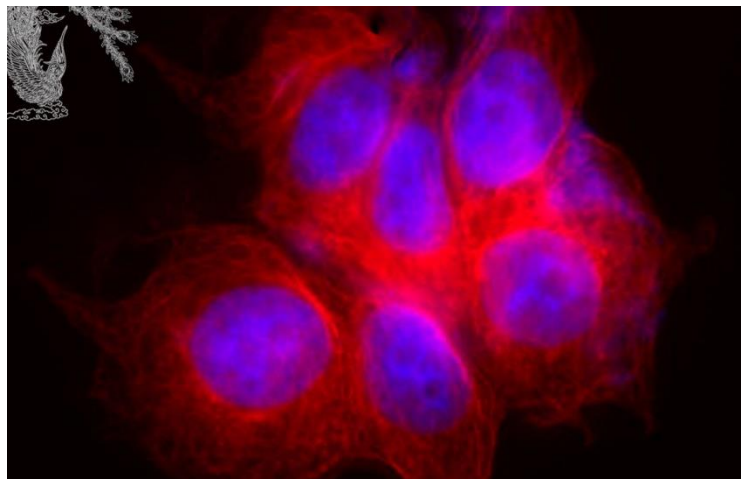


Cancer Galaxy

The gfp fluorescent plasmid expressed in stable phase was transferred to *S. aureus*, and after treatment with high concentration antibiotics overnight, the formation of drug-resistant retaining cells was detected by fluorescence inverted microscope. *S. aureus* with the gfp plasmid elicited green fluorescence, forming a pattern similar to that of the Cancer galaxies.

Phoenix tail feather

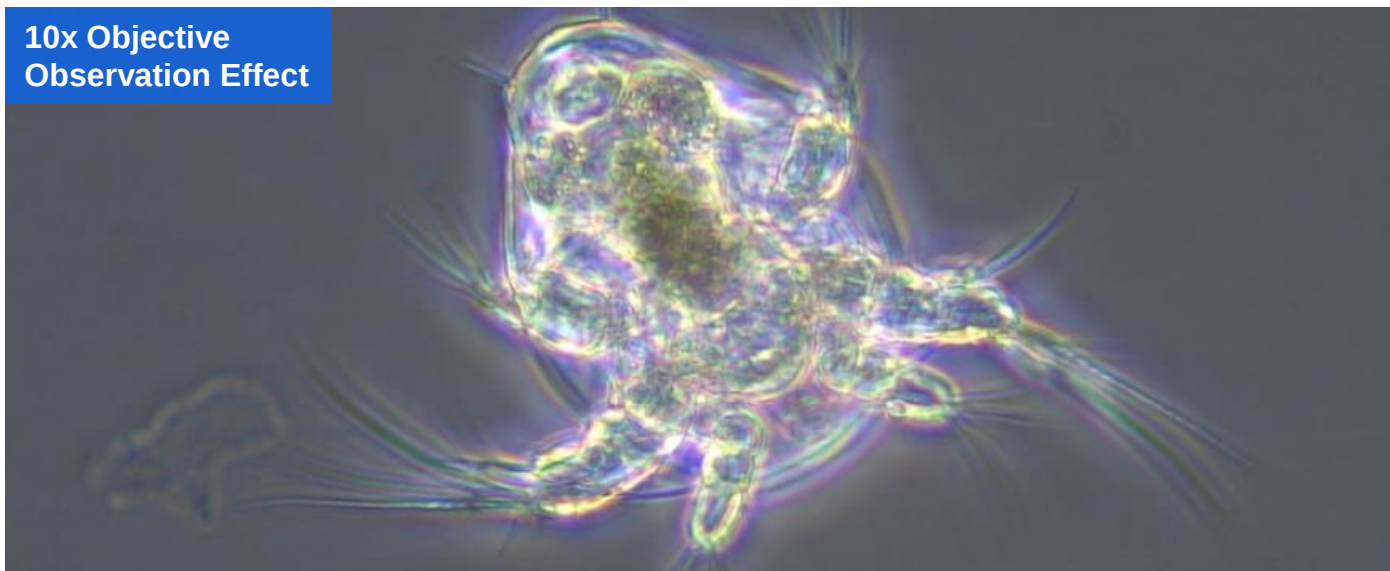
By immunofluorescence assay, the TUBULIN protein was labeled with a red fluorescent secondary antibody (rhodamine) to show the morphology of the microtubules, and the nuclei were stained with DAPI to make them blue. The processed cell slides were placed under a fluorescence microscope for observation and imaging.



Items	A16.2614 Inverted Fluorescent Microscope Specification	A16.261 4 -2	A16.261 4 -4	A16.261 4-L -2	A16.261 4-L -4	Cata. No.
Head	Seidentopf Trinocular Head Inclined 45°, Interpupillary Distance 48~76mm, Light Split Switch E100:P0 / E20:P80	●	●	●	●	A53.2643
Eyepiece	WF10x/22mm, Dia.30mm, High Eyepoint,, Diopter Adjustable	●●	●●	●●	●●	A51.2621-1022
	WF15X/16mm, Dia.30mm, High Eyepoint, Diopter Adjustable	○○	○○	○○	○○	A51.2621-1516
	WF20X/12mm, Dia.30mm, High Eyepoint, Diopter Adjustable	○○	○○	○○	○○	A51.2621-2012
Nosepiece	Quintuple	●	●	●	●	A54.2610-N925
LWD Infinity Plan Fluorescent Objectives Newly Update 2021	L Plan FL 4x/0.11 W.D.=12.1mm	○	○	○	○	A5F.2635-4
	L Plan FL 10x/0.25 W.D.=10.3mm	●	●	●	●	A5F.2635-10
	L Plan FL 20x/0.45 W.D.=5.8mm	●	●	●	●	A5F.2635-20
	L Plan FL 40x/0.65 W.D.=5.1mm	●	●	●	●	A5F.2635-40
LWD Infinity Plan Phase Contrast Fluorescent Objectives Newly Update 2021	L Plan FL PHP 4x/0.10 W.D.=9.2mm	○	○	○	○	A5C.2635-4
	L Plan FL PHP 10x/0.25 W.D.=10.3mm	○	○	○	○	A5C.2635-10
	L Plan FL PHP 20x/0.45 W.D.=5.8mm	●	●	●	●	A5C.2635-20
	L Plan FL PHP 40x/0.65 W.D.=5.1mm	○	○	○	○	A5C.2635-40
Phase Contrast	Centering Telescope 11x	○	○	○	○	A5C.2610
	Annular Spot 4x	○	○	○	○	A5C.2611-4
	Annular Spot 20x/ 40x	●	●	●	●	A5C.2611-10
	Annular Spot 10x	●	●	●	●	A5C.2611-20/40
Working Stage	Mechanical Stage Size 210x241mm, Round Slide Size Φ110mm	●	●	●	●	A54.2601-D4
	Attached Mechanical Stage, Available For 96 Holes Plate, Moving Range 128x80mm	○	○	○	○	A54.2605
	Culture Dish Holder 65mm	○	○	○	○	A54.2606-65
	Culture Dish Holder 54mm	●	●	●	●	A54.2606-54
	Culture Dish Holder 35mm	○	○	○	○	A54.2606-35
	Holder For Blood Cell Counter	○	○	○	○	A54.2606-BC
	Universal Holder (New Accessory 2021)	○	○	○	○	A54.2606-UH
	Round Glass Holder (New Accessory 2021)	○	○	○	○	A54.2606-GL
Condenser	Long Working Distance, Quickly Detachable, N.A.0.3, Working Distance 72mm (With Condenser), 195mm (Without Condenser).	●	●	●	●	A56.2614-D4
Illumination	Koehler Illumination Halogen 6V/30W, Input Voltage 100V~240V	●	●	●	●	A56.2613-30W
	Koehler Illumination 5W LED, Input Voltage 100V~240V	○	○	○	○	A56.2651-5W
Power	ECO, Auto Power Off System. Power Off Automatically Upon User Leaving 10 Minutes, Power On Automatically Upon User Approaching Detected, This Function Can Be Shut Down Manually	○	○	○	○	A56.2660
Filter	Blue, Dia.34mm	●	●	●	●	A56.2616-34B
	Green, Dia.34mm	●	●	●	●	A56.2616-34G
	Amber, Dia.34mm	○	○	○	○	A56.2616-34A
	Grey, Dia.34mm	○	○	○	○	A56.2616-34N

Adapter	C-Mount 0.5x, Focus Adjustable	○	○	○	○	A55.2601-05
	C-Mount 0.75x, Focus Adjustable	○	○	○	○	A55.2601-75
	C-Mount 1.0x, Focus Adjustable	○	○	○	○	A55.2601-10
Epi Fluorescence Illumination	Upgrade From A14.2603 Inverted Microscope With B,G China Fluorescent Filter, 100W Mercury Lamp House 100W Mercury Power Box, Digital Disp. Fluorescent Slide 3 Holes Ultraviolet Protection Barrier China 100W Mercury Lamp	●	○			A5F.2603-2
	Upgrade From A14.2603 Inverted Microscope With B,G,V,VU China Fluorescent Filter, 100W Mercury Lamp House 100W Mercury Power Box, Digital Disp. Fluorescent Slide 3 Holes Ultraviolet Protection Barrier China 100W Mercury Lamp	○	●			A5F.2603-4
Epi Fluorescence LED Illumination	Upgrade From A14.2603 Inverted Microscope With B,G China Fluorescent Filter, 5W LED Lamp House 5W LED Power Box Ultraviolet Protection Barrier Fluorescent Slide 3 Holes, With Filter Diaphragm, Center Adjustable 5W LED B,G Lamp Each 1 pc			●	○	A5F.2604-2
	Upgrade From A14.2603 Inverted Microscope With B,G,V,VU China Fluorescent Filter, 5W LED Lamp House 5W LED Power Box Ultraviolet Protection Barrier Fluorescent Slide 3 Holes, With Filter Diaphragm, Center Adjustable 5W LED B,G,V,VU Lamp Each 1 pc			○	●	A5F.2604-4
Fluorescent Filter	Upgrade to Chrome Fluorescent Filters, B,G,V,UV Available					A5F.2621- B,G,U,UV
Package	Packing Size: 660mmx590mmx325mm Fluorescence Carton Size 520x470x235mm					
Weight	Gross Weight: 18 kgs, Net Weight: 13.5 kgs					
Note: "●" In Table Is Standard outfits, "○" Is Optional Accessories.						

10x Objective Observation Effect



Product Accessories



A51.2621-1022
WF10x/22mm



A51.2621-1516
WF15x/16mm



A51.2621-2012
WF20x/12mm



A56.2660
ECO, Auto
Power Off System



A56.2614-D4
Long Working Distance
Quickly Detachable
N.A.0.3 Condenser



A56.2616
Filter: Blue, Green;
Amber; Grey
(Optional)



A52.2609 LWD Infinity Plan Objective: 10x, 20x, 40x
A5C.2630 LWD Infinity Plan Phase Contrast Objective: 20x



A55.2601-10
C-Mount 1.0x,
Focus Adjustable



A5C.2610 Centering Telescope 11x (Optional)
& A5C.2611 Annular Spot 10x/20x/40x



A55.2601-75
C-Mount 0.75x,
Focus Adjustable



A54.2601-D4
Mechanical Stage
Size 210x241mm
Round Slide Size
Φ110mm



A55.2601-05
C-Mount 0.5x,
Focus Adjustable

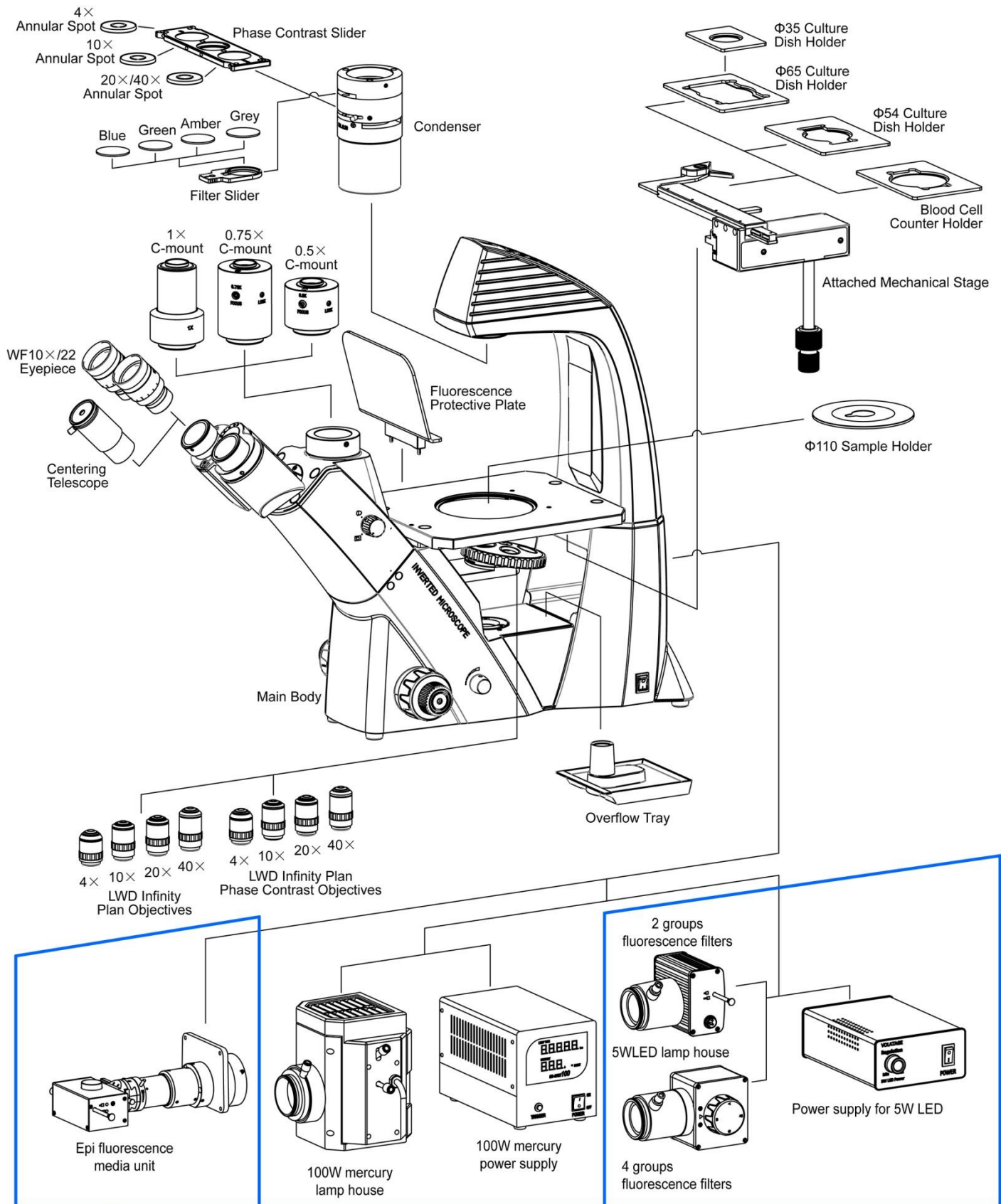


A54.2606-65 & A54.2606-35
Culture Dish Holder 65mm & Culture
Dish Holder 35mm (Optional)



A54.2606-54
Culture Dish Holder 54mm

General Layout Diagram



A5F.2604 Epi Fluorescence Illumination With
 B,G,V,VU Or B,G China Fluorescent Filter,
 100W Mercury Lamp House
 100W Mercury Power Box, Digital Disp.
 Fluorescent Slide 3 Holes
 Ultraviolet Protection Barrier
 China 100W Mercury Lamp



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