

LM-3-COOLED ADVANCED BIOLOGICAL MICROSCOPE



The Microtec LM-3 advanced biological microscope can be fitted with the pE-300-w illuminator. This enables fluorescence at a wide range of excitation wave lengths. High aperture Fluo objectives providing increased transmission (also at shorter wavelengths).

CoolLED's pE-300 white offers intense, broad-spectrum LED illumination for imaging the most common fluorescent stains.

The system is a mercury-free alternative that is safer, more controllable, and repeatable than conventional high-pressure gas discharge illuminators. Spectral coverage is from the UV (DAPI excitation) to the Red region (Cy5 excitation).

The system is perfect for hospital and regular research laboratory environments.

Microscopes with Planachromat Objectives		
Product:	Description:	Price:
LM-3TR	<ul style="list-style-type: none"> • Binocular microscope with coarse & fine focusing and photo tube 50%/50% split • Pair of wide-field 10x/FN22 eyepieces • Quintuple nosepiece • Planachromat 4x/0.10 • Planachromat 10x/0.25 • Planachromat 20x/0.40 • Planachromat 40x/0.65 • Planachromat 100x/1.25 Oil • Focusing NA 1.25 condenser • Built-in regulating Kohler 6v 30w Halogen illumination 	£ 1150.00

Microscopes with Fluo Objectives		
Product:	Description:	Price:
LM-3FLUO	<p>As LM-3TR except with the following objectives:</p> <ul style="list-style-type: none"> • Fluo objective 4x/0.13 • Fluo objective 10x/0.30 • Fluo objective 40x/0.75 	£ 2075.00

LED Fluorescence Illuminator Essential Items		
Product:	Description:	Price:
LM-3FLM-WO	Incident fluorescence illuminator with positions for 4 filter cubes	£ 650.00
LM-3LED1-CF	Filter set for UV including cube Ex: 375/28 – Di:415 – Em:435LP	£ 530.00
LM-3LED2-CF	Filter set for V including cube Ex:450/50 – Di:485 – Em:495LP	£ 530.00
LM-3LED3-CF	Filter set for B including cube Ex:480/80 – Di:505 – Em:535/40	£ 590.00
LM-3LED4-CF	Filter set for G including cube Ex:560 – Di:600 – Em:635/60	£ 590.00
pE-300-wLM-3	LED light source with adapter for LM-3FLM-WO	£ 2995.00

Additional Components

Extra Planachromat Objectives		
Product:	Description:	Price:
LM-2050	Planachromat 50x/0.90 oil	£ 470.00
LM-2060	Planachromat 60x/0.85	£ 188.00

Extra Fluo Fluorescence Objectives		
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Product:	Description:	Price:
LM-30100FL	Fluo objective 100x/1.30 oil	£ 425.00
LM-3020FL	Fluo objective 20x/0.50	£ 280.00

Phase Contrast		
Product:	Description:	Price:
LM-2PHT	Centering phase telescope	£ 70.00
LM-2PHX	<ul style="list-style-type: none"> • Planachromat 20x/0.40 Phase • Planachromat 100x/1.25 Oil Phase • Phase slider for 20x & 100x 	£ 605.00
LM-2PHY	<ul style="list-style-type: none"> • Planachromat 10x/0.25 Phase • Planachromat 40x/0.65 Phase • Phase slider for 10x & 40x 	£ 510.00
LM-3PHset	Phase contrast kit for LM-3 , includes phase telescope, zernike condenser, 10x, 20x, 40x & 100x phase objectives and green filter	£ 1440.00

Measuring		
Product:	Description:	Price:
LM-3E10FG	Widefield focusing eyepiece 10x/FN 22 With scale graticule 10:100	£ 80.00
PM-STG	Calibrating stage micrometer 1mm in 100 parts	£ 27.00

Camera Adapters		
Product:	Description:	Price:
LM-TV1	C-mount adapter 1x	£ 40.00
LM-TV2	C-mount adapter 0.5x	£ 95.00
LM-TV3	C-mount adapter 0.3x	£ 95.00

Listed prices exclude delivery & VAT

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