



Please contact Fisher Scientific to discuss your EU compatible product requirements.

### Microscope, compound, DM500

**Leica**

NEW

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- The ideal tool for making life science university courses easy and fun for both instructor and student
- The pre-focused, pre-centred condenser and the EZTube™ preset dioptre eyepieces prevent incorrect adjustments and provide more time for hands-on teaching
- EZStore™ design with integrated handle and cord wrap allows easy carrying and lifting, and protection against microscope component damage
- Features LED illumination, eliminating the nuisance and expense of replacing bulbs
- The optical system uses the same platform as Leica research grade microscopes
- 'Rackless' stage system means there is no rack and pinion mechanism protruding from the side of the stage - this prevents minor scratches or grazes to the skin, or the tearing of gloves

All systems include XY mechanical stage, coarse/fine focus, dust cover, immersion oil and user manual.

#### Technical Specification - General

Dimensions, mm	219 x 282 x 428 (std. configuration with EZTube™)
Mass, kg	3.9
Electrical supply	220V to 240V, 50/60Hz

#### Objective data - Plan

Objective	Numerical aperture	Working distance, mm
4x	0.10	26.2
10x	0.22	7.8
40x	0.65	0.31
100x (oil)	1.25	0.10

#### Objective data - Hi Plan

Objective	Numerical aperture	Working distance, mm
4x	0.10	18.0
10x	0.25	12.0
40x	0.65	0.36
100x (oil)	1.25	0.10

#### Brightfield DM500 microscope with Plan objectives 4x, 10x, 40x and 100x oil

Catalogue No	Eyepiece	Tube type
<b>MIC-300-100K</b>	10x/18 - no pointer	EZTube™ with integrated eyepieces
<b>MIC-300-105P</b>	10x/18 - pointer on right	EZTube™ with integrated eyepieces
<b>MIC-300-110I</b>	10x/20 - one fixed, one focussing, no pointer	30 degree binocular tube
<b>MIC-300-115E</b>	10x/20 - one fixed, one focussing, no pointer	30 degree trinocular tube (camera adaptor required)

#### Brightfield and phase contrast DM500 microscope with Hi Plan objectives 10x, 20x, 40x and 100x oil

Catalogue No	Eyepiece	Tube type
<b>MIC-305-200M</b>	10x/20 - one fixed, one focussing, no pointer	30 degree binocular tube
<b>MIC-305-205T</b>	10x/20 - one fixed, one focussing, no pointer	30 degree trinocular tube (camera adaptor required)

#### Accessories

Catalogue No	Description
<b>MIC-310-150Q</b>	35mm Ergo module
<b>MIC-310-305E</b>	ICC50 camera module
<b>MIC-310-300S</b>	0.55x c-mount camera adaptor (suitable for EC3)
<b>MIC-310-155V</b>	1.0x C-mount adapter for 1/2 inch detector
<b>MIC-570-265R</b>	10x/20 focusing eyepiece with eyeguard
<b>MIC-570-270T</b>	Reticle for <b>MIC-570-265R</b> , 100 divisions
<b>MIC-310-170F</b>	Light ring slide DF-CL
<b>MIC-404-520A</b>	Soft carry case with handles