

Microscopes

Oxion Series Life Science Microscopes

Modern, robust, high-specification microscopes suitable for use in numerous routine and research applications, particularly life sciences. Particular care has been taken in the design to ensure minimal operator fatigue in use.

- ◆ Binocular, trinocular, phase and epifluorescence versions available
- ◆ Choice of DIN standard objective sets: plan achromatic or plan semi-apochromatic
- ◆ Unique swivelling head that allows the viewing height to be adjusted

Magnification up to 1000X, with 30° inclined Seidentopf head and swivel height adjustment, rotatable 360° with adjustable interpupillary distance (50 to 75mm) and dioptic adjustment, coaxial coarse and fine focussing and 0.2µm minimum movement. Reversed, quintuple (5-place) nosepiece turret. Stable mechanical stage 150 x 140mm with vernier, removable slide clip, x-y movement (max. 76mm x, 50mm y) and coaxial drop controls. Also features a height adjustable, Abbe condenser (N.A. 1.25) with iris diaphragm and filter ring. Built in 3W LED illumination with a.c. adapter for 85-240V supplies.

Eyepieces — WPL 10X, 22mm field

Objectives — DIN standard, as indicated

Overall 200 x 294 x 397mm W x D x H. Weight 10kg. For 85-240V 50/60Hz single phase supplies.

Eyepiece/Objectives Codes

W	=	Widefield
R	=	Retractable
D	=	DIN Standard

Binocular models

- MJ325-10** Plan achromatic 4XD, 10XD, 40XRD, 100XRD (oil)
- MJ325-20** Plan semi-apochromatic 4XD, 10XD, 40XRD, 100XRD (oil)
- MJ325-30** Plan phase apochromatic 10XD, 20XD, 40XRD, 100XRD (oil)
- MJ325-40** Plan semi-apochromatic, fluorescence*, 4XD, 10XD, 40XRD, 100XRD (oil)

Trinocular models

Generally as MJ325-series but with trinocular head, the vertical third tube accommodating accessory photographic mounts.

- MJ327-10** Plan achromatic 4XD, 10XD, 40XRD, 100XRD (oil)
- MJ327-20** Plan semi-apochromatic 4XD, 10XD, 40XRD, 100XRD (oil)
- MJ327-30** Plan phase apochromatic 10XD, 20XD, 40XRD, 100XRD (oil)
- MJ327-40** Plan semi-apochromatic, fluorescence* 4XD, 10XD, 40XRD, 100XRD (oil)

*Equipped with fluorescence illuminator (reflected 100W mercury vapour light source) with separate power supply.

Accessories and Spares

- MJ329-02** High eyepoint, widefield eyepiece with micrometer reticule
- MJ329-04** Polariser/analyser kit
- MJ329-08** Neutral density filter
- MJ329-12** Blue filter
- MJ329-16** Yellow filter
- MJ329-19** Green filter
- MJ329-24** Photo adapter, 0.5X magnification for 1/2 inch C/CS mount cameras
- MJ329-28** Photo adapter for SLR camera. Requires T2 adapter.
- MJ329-32** 3.2X lens for MJ329-28
- MJ329-36** T2 adapter for Canon EOS SLR camera
- MJ329-42** T2 adapter for Nikon SLR camera
- MJ329-50** Spare 3W LED lamp for MJ325/MJ327-series microscopes



MJ325-10 to -30, MJ327-10, to -30 are similar



MJ325-40, MJ327-40 is similar