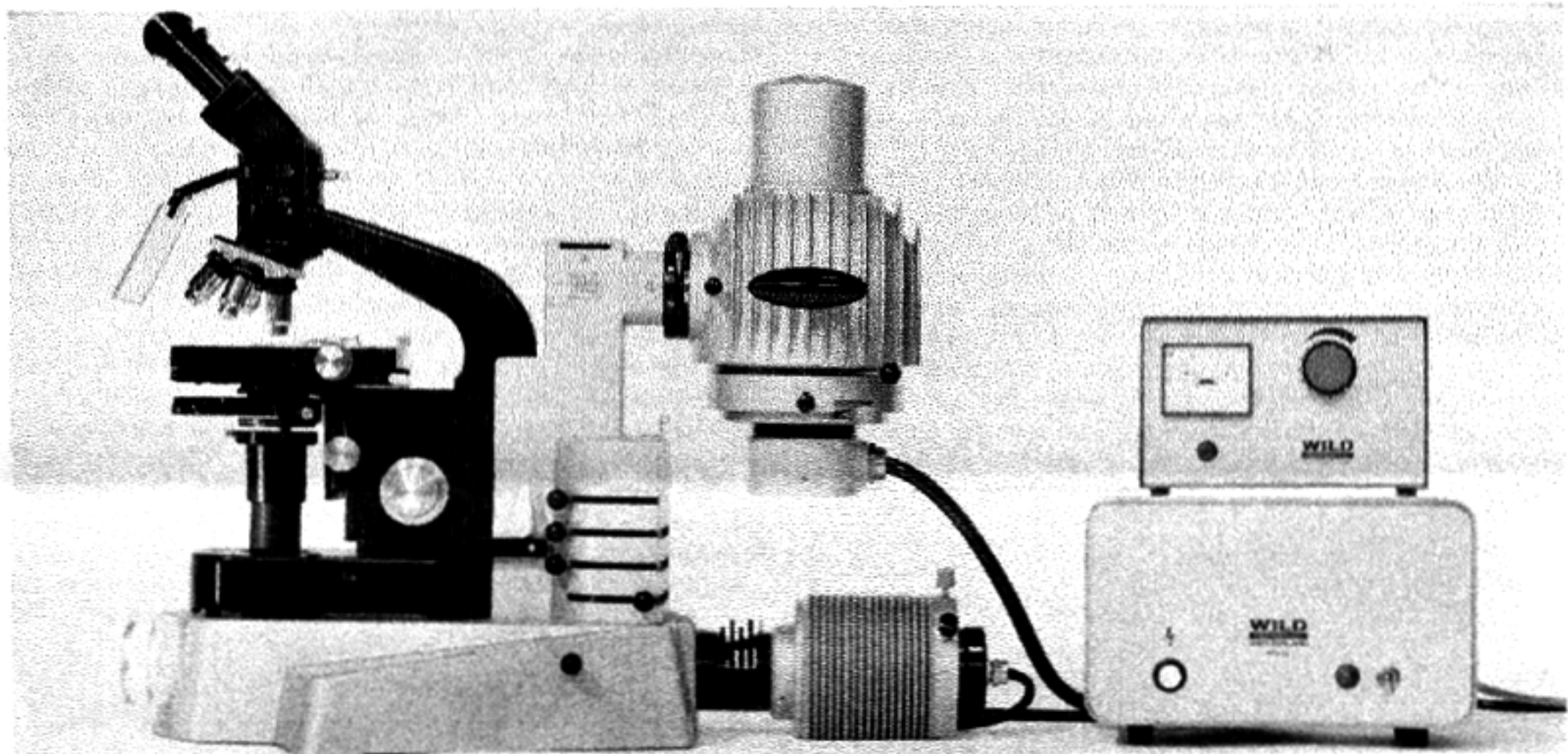


Wild dual illuminator



This newly-developed equipment is constructed for transmitted light illumination in combination with the routine and research microscopes Wild M 11 and M 20.

The Dual Illuminator is an ideal apparatus in cases where microscope techniques require a combination of strong light sources with normal lamps, for either simultaneous or convenient alternate use. It thus fulfils the essential conditions for fluorescence observations, photomicrography, cinematography and microprojection.

Advantages

Various rapidly interchangeable illumination combinations are available to suit the particular field of application required. Simultaneous use (i.e. «mixed light») or alternate use of the light sources enable the following types of illumination to be quickly and easily set up:

- conventional fluorescence
- alternate bright field and fluorescence
- alternate dark field and fluorescence
- alternate phase contrast and fluorescence
- simultaneous bright field and fluorescence
- simultaneous dark field and fluorescence
- simultaneous phase contrast and fluorescence

Catalogue References

Dual illuminator for Wild M 20 microscope, UV- and blue-light fluorescence with 6 V / 20 W and mercury vapour illuminators. Complete outfit, without microscope

Stock No.
243394

Dual illuminator for Wild M 20 microscope, UV- and blue-light fluorescence with quartz-iodine 12 V / 100 W and mercury vapour illuminators. Complete outfit, without microscope

243395

Dual illuminator for Wild M 11 microscope, UV- and blue-light fluorescence with 6 V / 20 W and mercury vapour illuminators. Complete outfit, without microscope

243396

Dual illuminator for Wild M 11 microscope, UV- and blue-light fluorescence with quartz-iodine 12 V / 100 W and mercury vapour illuminators. Complete outfit, without microscope

243397

Swing-out filter sets for blue-light and UV-fluorescence give the following possibilities:

- blue-light fluorescence
- UV-fluorescence
- combined blue-light and UV-fluorescence

These three fluorescence methods, in conjunction with the seven types of illumination, give **twenty-one possible combinations for fluorescence microscopy.**

Stray light is completely eliminated.

The filters in the filter housing are readily interchangeable, so that any desired combination of filters can be assembled. The Köhler illumination principle can be simply and precisely applied to both light sources.

Quartz collector for maximum UV transmission.

Newly-designed coaxial controls for the field diaphragm and for centring are conveniently positioned on the front of the apparatus.

Optimum layout for observations in visible light and for photomicrography, cinemicrography and microprojection. Highest stability.

A special prospectus is available entitled «Equipment for fluorescence microscopy and the dual illuminator».

