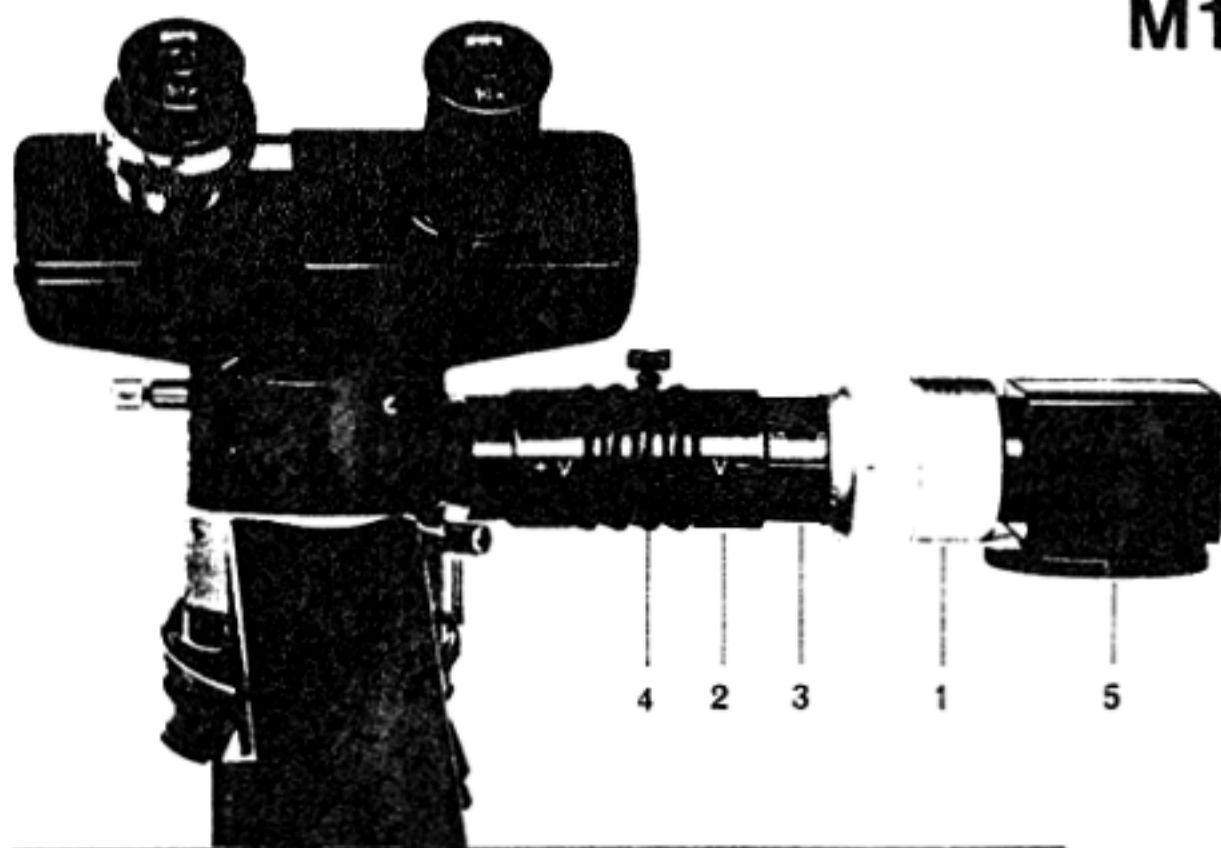


Wild Drawing tube for Wild Microscopes M11 / M12 / M20 / M21



WILD
HEERBRUGG

The main advantage of this apparatus over any other system is that it enables the microscope technician to work comfortably and in his customary way with the binocular tube.

The drawing tube projects a real image of the drawing area in the intermediate picture plane. This picture is seen by the observer right side up and not mirror reversed. Thus, when observing through the binocular tube, one sees a complete picture of the specimen, drawing area and drawing pencil.

The drawing tube is inserted between the binocular tube and the microscope stand. The microscopic specimen is focused in the normal way with the microscope control knobs. Sharp focussing of the drawing paper and the pencil is achieved by rotating the milled ring (1) on the drawing tube. The microscope illumination is reduced or cut off during this process. It is essential to match the illumination strength of the specimen and the drawing area. For this purpose, the use of a table or desk-lamp (40—60 W) is recommended to provide an additional light for the drawing area. Brightness is controlled with the regulating transformer, gray filters or light regulators (code 8010).

The picture scale is varied by use of the gliding sleeve (2) to increase magnification (without altering the microscope magnification) from 1:2 according to movement in V+ or V— direction, (refocus with the milled ring). To readjust the picture scale the gliding sleeve is provided with a scale (3). With the clamping screw (4) the movement of the gliding sleeve can be fixed.

When drawing very small specimens the picture scale may be too small. With the intermediate attachment 2.5×, which is inserted between the microscope stand and the drawing tube, the picture scale can be increased 2.5×.

The swing-out filter carrier (5) allows the use of contrast filters (33∅ mm) or opaque disc. With this disc the image of the drawing area can be quickly and easily cut off.

Catalogue references

Drawing tube for Wild Microscopes M 11 (binocular)
M 12 / M 20 / M 21, inc. 8004, in case
(1.25× magnifying factor)
Intermediate attachment
Opaque disc 33∅ mm for 8321

code 8321
code 8323
code 8004

Microscope Wild M20 with drawing tube

