The DIALUX Microscope

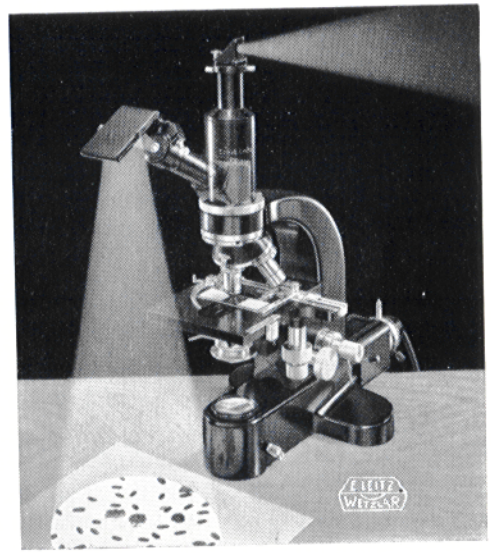
with Built-in Illuminating System

DIALUX microscope 46/78 with built-in illumination (6 volts 5 amps), binocular body tube, quadruple objective nosepiece, mechanical stage No. 46 and substage No. 78 with two-diaphragm condenser.

The DIALUX is a large microscope for routine work and research, with built-in light-source and low-set operating heads. It is distinguished by the modern design of the stand with built-in illumination for transmitted light, the low-set, convenient operating knobs for coarse and fine adjustment, the easily accessible object stage, the horizontally interchangeable revolving objective nosepiece with automatic protection of the specimen, and the bayonet changing device for the body tubes. The constant centration of the illumination ensures that the microscope is always ready for use, and is particularly advantageous for examinations in a dark field, for phase contrast microscopy and for photomicrography (especially with 6 volt 5 amp lamp).

Specification: Sturdy light alloy stand cast in one piece; low-placed controls for rack and pinion and micrometer fine adjustment with graduation, 1 interval = 0.001 mm., both mounted on ball bearings and actuating the object stage; observation and photographic body tubes with bayonet interchange; observation tubes rotating through 360° for demonstration purposes; interchangeable revolving objective nosepiece; object stages in various designs; substage with rack and pinion for vertical adjustment of condenser; condenser changing sleeve or horizontal dovetail holder; all bright and dark field condensers may be used, also the LEITZ phase contrast equipment; built-in illumination with low voltage bulb 6 volts 5 amps or 6 volts 2.5 amps. Objectives and eyepieces according to choice.

Detailed descriptions are given in lists Nos. 8372/8380.



Demonstrations with the DIALUX using projection onto table and wall; a drawing mirror and reflecting prism are required for the inclined and straight tubes respectively.