E. LEITZ, Inc.
468 FOURTH AVENUE
NEW YORK 16, N. Y.

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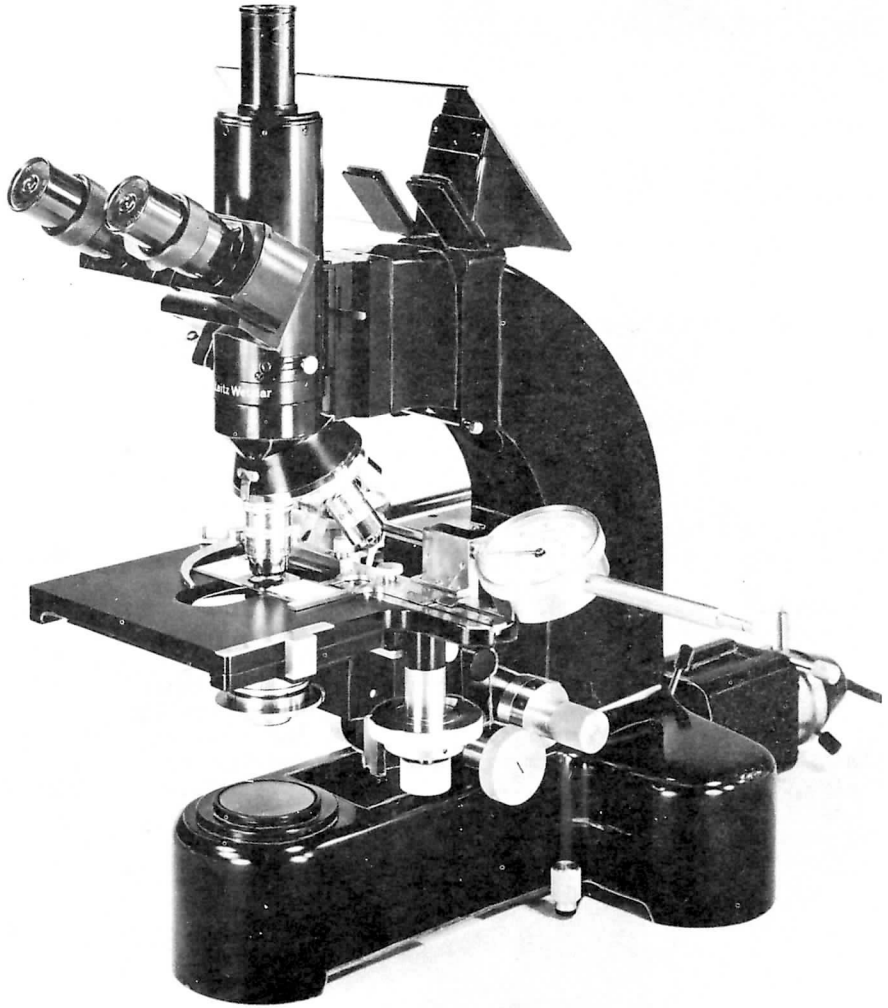
INFORMATION BULLETIN

Ortholux Research Microscope for Nuclear Track Work



ORTHOLUX WITH "HEINE" STAGE FOR NUCLEAR TRACK WORK

Ortholux Research Microscope with combination inclined binocular observation and monocular photographic tube with measuring mechanical stage of special design permitting reading the displacement of the specimen in a lateral and longitudinal direction by means of special ultra precision indicator dials, reading, via a mirror, values of 0.01mm and fractions of 1/100mm by estimation. With quadruple nosepiece on carrier, built-in light source 6 V. 5 A., brightfield condensor #76..... $1369.00

Regulating transformer for 110/220 volts REDYX..... 45.00

Optical Equipment for Nuclear Track Plates as follows:

Achromatic Objective 10:1, NA0.25 (no.3) for the general survey of track plates with emulsions of any thickness, coated, ACORA-B..... 25.00

Achromatic Objective 25:1, NA0.50 (no.4b), for the examination of nuclear track plates of any thickness, coated, ACVIR-B.. 42.50

Achromatic Objective Oil KS22:1, 170/2200$_u$, A0.65, coated, OBRAN-B..... 97.00

Achromatic Objective KS45:1, NA0.65 for emulsion thickness after fixing of 50-100 microns, for examination of nuclear track plates, coated OBRUT-B..... 58.00

Fluorite Oil Immersion KS FL-Oil, 53:1, NA0.95, for emulsion thickness from 0 to 1000 microns for the examination of nuclear track plates which remain, after fixing, at a thickness of approximately 1mm. Particularly recommended for the counting of grains and the measurement of track tracings on plates which are 370 microns thick after fixing, coated, OBSAP-B... 119.00

Apochromatic Objective, KS, Apo Oil, 100:1, NA1.32, for emulsion thicknesses from 0 to 370 microns for grain counts and the measurement of track tracing on plates which remain, after fixing, at a thickness of 370 microns. This lens is used, in connection with Periplan eyepiece 25x, to determine, at the minimum depth of field, the relative position of two track grains in contact with one another, coated, OBSER-B..... 239.00

Paired Periplan Eyepieces 6x for examination under a fairly large field of view; for binocular observation GIRSE..... 24.00

Paired Periplan Eyepieces 10x for the observation of "cosmic ray events", for binocular observation GIZEM..... 26.00

Paired Periplan Eyepieces 12x for the observation of "cosmic ray events", for binocular observation GIZOV..... 26.00

Paired Periplan Eyepieces 20x for the observation of "cosmic ray events", for binocular observation GIZAS..... 26.00

Paired Periplan Eyepieces 25x for grain counting and observation at a minimum depth of field. This is particularly recommended when measuring differences in height, for binocular observation GIZIT..... 26.00

Micrometer Eyepiece 6x, 10mm:100 for the measurement of track lengths OKAME..... 16.50

Periplan Eyepiece 6x for photography PERSE..... 12.00

Periplan Eyepiece 10x for photography PEZEN..... 13.00

$ 2138.00

Special mechanical stage for nuclear track work only 384.00

Prices subject to change without notice