

## NEW PHASE CONTRAST ACCESSORIES PHACO

Most users of Leitz equipment are familiar with the phase contrast condenser after HEINE, permitting continuous change from bright field - to phase contrast - to dark field-illumination. The light path through the HEINE condenser is shown in fig. 1. This system produces a very small light ring which minimizes "halos" and is ideal for very thin sections.

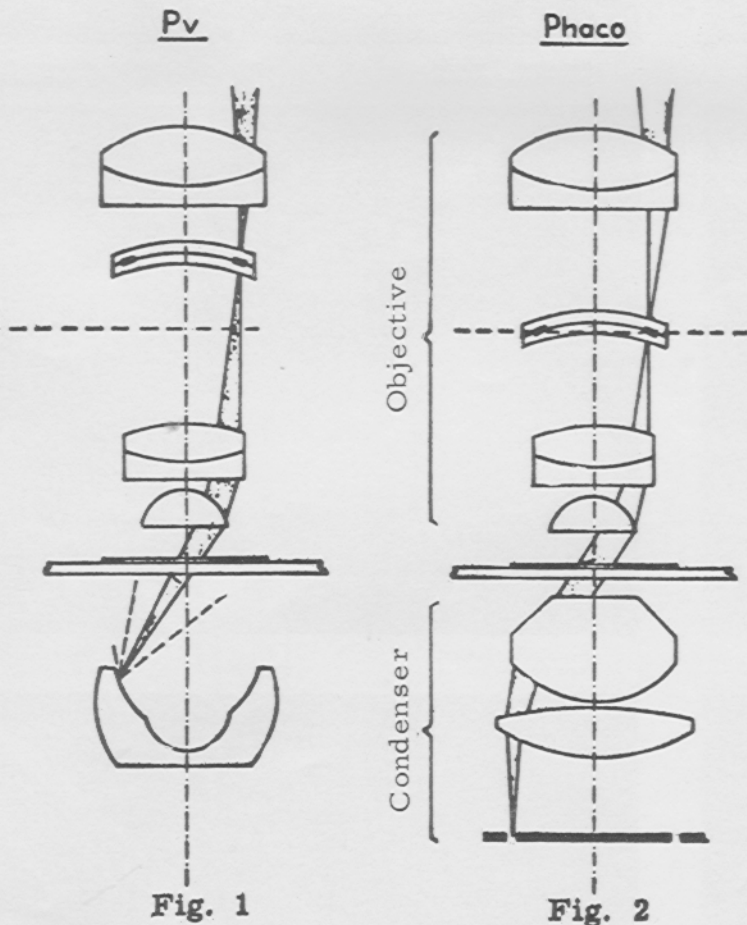


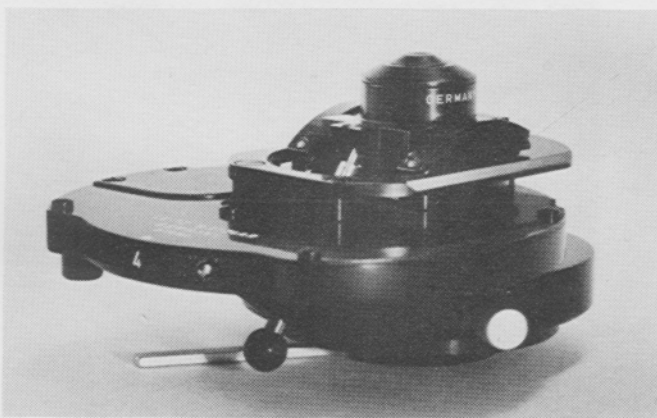
Fig. 1

Fig. 2

The new PHACO condenser, - the light path of which is shown in fig. 2 - has a wider annular diaphragm. It is designed for the observation (and photography) of all types of specimens including those which are thicker, such as smears, etc. The design of this new phase condenser follows the original "Zernicke" concept, with the bright field condenser No. 602 as its base. A revolving disc carries various diameter phase rings which can be matched to the objectives chosen. A new series of objectives especially designed for this phase condenser is available as follows: Achromats 10/0.25; 40/0.65 and Oil Immersion 100/1.30.

Improved optical design and the use of the latest types of optical glass produce images of outstanding quality.

The new condenser is suitable for any microscope which has a fork type sub-stage namely: SMf, Labolux, Ortholux. Please note that the objectives for the HEINE phase system have a shorter mechanical length and do not work with the new PHACO condenser.



PHACO-Phase Contrast Condenser