

# for new horizons in Photomicrography & scientific photography

*The Orthophot*

Designed for the ultimate in versatility, the Silge & Kuhne ORTHOPHOT provides all the facilities for still and cine photomicrography (using any standard microscope), photomacrography, photocopying, microfilming, x-ray copying, and general laboratory and clinical photography.

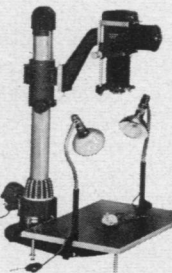
Accessory units not shown include microprojection viewer with 8" x 8" vertical ground glass, alternative electronic exposure meters approximately 20 and 2000 times as sensitive as standard commercial types, and bellows-extension adapters to increase magnification or establish fixed ratios.

This versatile equipment is supplied either in complete assemblies, or in separate sections to coordinate with existing laboratory facilities.

Write for descriptive data.

## PHOTOGRAPHY OF GROSS OBJECTS

Object table, oblique extension arm, and standard photo lens convert the ORTHOPHOT for photographing of gross objects, photocopying of papers, drawings, etc. Special table used for trans-illumination, X-ray copying, etc.



## GENERAL, CLINICAL PHOTOGRAPHY, Etc.

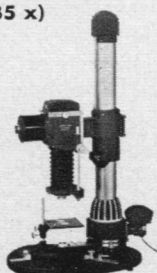
The ORTHO-CAMERA, detached from column, serves efficiently for all-around laboratory, clinical, as well as outdoor photography. Object distances from one inch to infinity. Any ratio of reduction; magnification up to 35X for close-ups.



## LOW-POWER PHOTOMICROGRAPHY

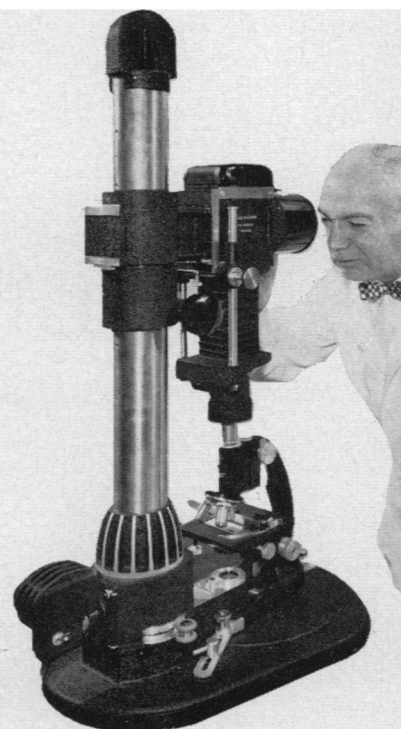
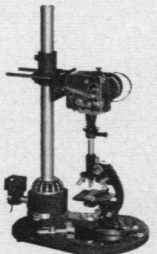
(1.5 – 35 x)

In seconds, the ORTHOPHOT converts for low-power photomicrography. Adjustable stand replaces microscope. Same built-in illumination and SPLIT-MICRON focusing used.



## CINE-PHOTOMICROGRAPHY

Almost all 8 and 16-mm cine cameras can be attached to standard column, or interchangeable simplified column on ORTHOPHOT (illustrated), as can many types of standard still cameras, 35-mm to 4" x 5".



## HIGH-POWER PHOTOMICROGRAPHY (50 – 2000 x)

ORTHOPHOT set up with standard compound microscope. Built-in, permanently aligned light source on the Koehler principle, with complete color and intensity controls. Detachable, precision reflex camera has SPLIT-MICRON focusing device.

## VISUAL MICROSCOPY OPTIMUM RESOLVING POWER . . . HIGHEST USEFUL MAGNIFICATION

The new ORTHO-ILLUMINATOR B (illustrated), converts any make or model microscope into an integrated unit, with built-in illumination on the Koehler principle. Designed primarily for visual microscopy, or for use with existing photomicrography equipment, the new unit offers unequalled versatility for instant command of proper illumination, for brightfield, darkfield, phase contrast, polarizing or fluorescent accessories.



# SILGE & KUHNE

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