



MODEL H606

Epi-Fluorescent Microscope
Binocular Head
WF10X/18 Eyepiece
OBJECTIVES: fluorescent
 25x, 40x, 100x (oil)
**Fluorescent Illuminator with
 B(blue) and G (green) filters**
100 W Mercury Lamp House
 Mercury Lamp 100W
 Mercury Lamp House
 Mercury Lamp Power Supply



MODEL H604TV

Trinocular Head
WF10X/18 Eyepiece
OBJECTIVES: Plan
 4x, 10x, 40x, 100x (oil)
Condenser: Abbe NA 1.25
Video Adapter (C-mount)
CCD Camera (not included)
Monitor (not included)



MODEL H603TC

Trinocular Head
WF10X/18 Eyepiece
OBJECTIVES: Semi-plan
 4x, 10x, 40x, 100x (oil)
Condenser: Abbe NA 1.25
35mm Camera Adapter System
 (specify T-mount)
Camera Body (not included)

Accessories

Bodies

B6-3003 Sliding -type binocular head, 30 degree
 B6-3004 Seidentopf Binocular Head, 30 degree
 B6-3005 Seidentopf Trinocular Head, 30 degree

Eyepieces

B6-1401 10x Widefield Eyepiece FN 18
 B6-1402 10x High Eyepoint Eyepiece FN 18
 B6-1501 10x Widefield Eyepiece FN 20
 B6-1409 15x Eyepiece
 B6-1902 8x Centering Telescope for Phase
 B6-1805 Photo Eyepiece 4x

Objectives

B3-2101 4x / 0.10 DIN Achromat Objective
 B3-2102 10x / 0.25 DIN Achromat Objective
 B3-2103 40x / 0.65 DIN Achromat Objective
 B3-2104 100x / 1.25 Oil DIN Achromat Objective
 B6-2108 20x DIN Achromat Objective
 B6-2107 60x / 0.85 DIN Achromat Objective
 B6-2201 4x / 0.10 Semi-plan Objective
 B6-2202 10x / 0.25 Semi-plan Objective
 B6-2203 40x / 0.65 Semi-plan Objective
 B6-2204 100x / 1.25 Semi-plan Objective
 B6-2301 4x / 0.10 Plan Objective
 B6-2302 10x / 0.25 Plan Objective
 B6-2303 40x / 0.65 Plan Objective
 B6-2304 100x / 1.25 Plan Objective
 B6-2305 25x Plan Objective
 B6-2505 25x Fluorescent Objective
 B6-2503 40x Fluorescent Objective
 B6-2504 100x Fluorescent Objective
 B6-2422 10x Semi-plan Phase Contrast Objective
 B6-2423 40x Semi-plan Phase Contrast Objective
 B6-2424 100x Semi-plan Phase Contrast Objective
 B6-8030 Full set Semi-plan Phase Kit (10x - 40x - 100x)
 B6-8031 40x Semi-plan Phase Kit

Miscellaneous Accessories

B6-6001 Abbe Condenser NA 1.25 with Iris Diaphragm
 B6-6002 Turret Phase Condenser with Iris Diaphragm
 B6-6003 Dry Darkfield Condenser NA 0.83 - 0.91
 B6-8906 Darkfield Stop
 B6-6002 Turret Phase Condenser with Iris Diaphragm
 B6-7020 Epi-fluorescence Illuminator B & G Group
 B6-7021 100 W Mercury Lamp
 B6-7022 Mercury Lamp House
 B6-7023 100 W Mercury Lamp Power Supply
 B6-7006 6V20W Halogen Bulb, 4 mm Pin
 B6-7008 Fuse 0.75A
 B6-8010 Camera Adapter System (without Camera)
 B6-8020 Video Adapter with External C-mount
 B6-8901 Eyepiece Reticule with 0.1mm Divisions
 B6-8902 Eyepiece Pointer
 B6-8903 Stage Micrometer Slide
 B6-8904 Sturdy, reinforced Cloth Carrying Case
 B6-8905 Immersion Oil
 B6-8001 Dust Cover

H600 SERIES

Clinical Laboratory Microscopes



United Products & Instruments, Inc.

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H600 SERIES

A powerful new generation of Microscopes!

Our most advanced and versatile compound microscopes are able to perform all the intricate and varied functions of microscopes costing thousands of dollars more. With continuing improvements, and the addition of new "high-power" accessories, today's **H600 SERIES** has even greater potential for research, education and medical applications.

UNICO's attention to detail and function mean that your **H600 SERIES** microscope will give decades of useful service.



Oculars

Widefield 10 x /FN 18 eyepieces.

A pointer or reticule can be added

High eyepoint oculars are available for those who wear glasses.

Nosepiece

A reverse 5 position nosepiece provides the user with easier slide insertion and manipulation as well as room for an extra objective for special applications. The precision ball bearings and internal stop assure operational ease and durability.

Mechanical Stage

The newly designed heavy duty, built-in mechanical stage uses ball bearings and a dovetail mechanism to assure that the stage tracks true with years of heavy use.

Low coaxial controls provide extra comfort while larger (130 mm x 160 mm) platform with X-Y travel of 76 mm x 50 mm graduated in 0.1 mm assures more flexibility in use.

Condensers

ABBE: A state of the art, centerable Abbe condenser (N.A. 1.25) with iris diaphragm and filter holder is mounted in the adjustable substage holder. The UNICO condenser has a slot to accommodate a phase annulus ring, polarizer or a darkfield stop.

Optional Condensers

Turret phase and darkfield condensers are available and can be easily and quickly installed.

Koehler Illumination System

The newly designed built-in 6V 20W illuminator with field diaphragm provides Koehler type illumination for clear, sharp images. The brightness intensity control is conveniently located and provides steady even illumination at all levels.

The lamp compartment features a swing-out lamp socket/door for easy, instant lamp changes.

Binocular / Trinocular

The **H600 SERIES** gives you a choice of seidentoph binocular and trinocular heads. Each head rotates 360 degrees and has a 30 degree inclination. The Trinocular head accepts CCTV or 35mm camera adapters. The light is split 80/20 by a high quality coated prism. Interpupillary distance is 55 to 75mm.

Quality Objectives

The high resolution, sharp contrast and excellent flatness of field of all UNICO objectives assures superior image quality. All objectives are parfocal, paracentred and color-coded. The 40x, and 100x are spring loaded with a choice of: Achromatic, Semi-Plan, Plan, Semi-Plan Phase, Fluorescent, and 20x and 60x are also available.

Precision Focus

The low position coaxial coarse and fine focusing system is designed to lessen user fatigue. The precisely engineered, finely crafted gear transmission is made of the highest quality durable brass which assures smooth rotation and durability. The coarse focus tension control allows you to increase or decrease the focusing tension. The safety stop prevents damage to objectives and specimens. The fine focusing is graduated at 0.002mm.

Sturdy Stand and Base

The ruggedly constructed all metal stand and the broad low profile base ensure image stability and operator comfort.



Phase Contrast Accessory



Accessories for Polarizers, Cameras, CCTV's and darkfield applications



Epi-Fluorescent Attachment