

H600 Microscopes



Reverse position
5-hole nosepiece.

H604

Actual Size: 7.5" x 9.5" x 16.0"
Shipping Dimension: 14.0" x 10.75" x 17.5"
Net Weight: 16.0 lbs
Shipping Weight: 18.0 lbs

The H600 is a fully expandable platform with Koehler illumination that gives you the capability to do standard Brightfield, Full-Phase Contrast, Digital, Video, Darkfield, Polarized and Epi-Fluorescence microscopy, all with the same microscope.

The H600 is perfect for the research or clinical setting; designed for discerning users requiring many optional accessories and complete control over lighting and contrast for optimal clarity and resolution. The five hole nosepiece allows you the versatility of adding an extra specialized objective to meet your needs.

Standard 10x widefield High Eyepoint eyepieces are complemented with a comprehensive selection of objectives includes: Achromats, Semi-Plan, Plan and Semi-Plan Phase. Select from 4x, 10x, 20x, 25x, 40x, 50x Oil, 60x Dry, and 100x Oil.

Select from Binocular or Trinocular head models. A powerful Halogen illuminator provides steady bright white light with a Koehler field iris for maximum lighting and contrast control.

Each H600 comes standard with a dust cover, manual, blue filter, and extra fuse.

Five Year Limited Warranty, One Year on electrical system; excludes bulbs and fuses.

Specifications:

- Binocular or Trinocular heads
- High Eyepoint 10x widefield eyepieces with diopter adjustment
- Five hole nosepiece, reverse position
- 4x, 10x, 40x and 100x DIN objectives
- Coaxial Coarse and Fine Focus controls
- Low position coaxial mechanical stage controls
- NA 1.25 Abbe condenser with Iris Diaphragm and filter holder
- Optional Phase Contrast and Polarizing accessories available
- Halogen illumination with Koehler field iris
- Illumination intensity rheostat
- 220V versions available. Contact us for details

| Item No. | Description |
|----------|---|
| H602 | Binocular, Achromat Advanced Microscope |
| H602T | Trinocular, Achromat Advanced Microscope |
| H603 | Binocular, Semi-Plan Advanced Microscope |
| H603T | Trinocular, Semi-Plan Advanced Microscope |
| H604 | Binocular, Plan Advanced Microscope |
| H604T | Trinocular, Plan Advanced Microscope |
| B6-7006 | Halogen Bulb, 6 Volt / 20 Watt |

| | H602 | H602T | H603 | H603T | H604 | H604T |
|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Head | Binocular | Trinocular | Binocular | Trinocular | Binocular | Trinocular |
| Eyepiece | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP |
| Objectives | 4,10,40,100X Achromat | 4,10,40,100X Achromat | 4,10,40,100X Semi-Plan | 4,10,40,100X Semi-Plan | 4,10,40,100X Plan | 4,10,40,100X Plan |
| Condenser | NA 1.25 | NA 1.25 | NA 1.25 | NA 1.25 | NA 1.25 | NA 1.25 |
| Diaphragm | Iris | Iris | Iris | Iris | Iris | Iris |
| Stage | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical |
| Illumination | Halogen Koehler - Iris | Halogen Koehler - Iris | Halogen Koehler - Iris | Halogen Koehler - Iris | Halogen Koehler - Iris | Halogen Koehler - Iris |
| Bulb | 6 Volt/20 Watt | 6 Volt/20 Watt | 6 Volt/20 Watt | 6 Volt/20 Watt | 6 Volt/20 Watt | 6 Volt/20 Watt |
| Focusing | Coaxial | Coaxial | Coaxial | Coaxial | Coaxial | Coaxial |

H606 Epi-Fluorescence Microscope



Built on our H600 Series frame, the H606 Epi-Fluorescence Microscope is a versatile addition to your lab. The Kit comes complete with Epi-Fluorescence objectives (25x, 40x, & 100x), high-power light source with 100 watt, mercury bulb and filters, designed for all fluorescence applications.

In addition, you will receive a complete set of standard Semi-Plan brightfield objectives 4x, 10x, 40x & 100x; allowing you to do all the standard brightfield microscopy applications. Includes dust cover, blue, green & yellow filters, extra fuse and a manual. Five year limited warranty, one year on electrical system, excludes bulbs & fuses.

| Item No. | Description |
|----------|---|
| H605 | Binocular, Phase Contrast |
| H605T | Trinocular, Phase Contrast |
| H606 | Binocular, with Epi-Fluorescence Kit |
| H606T | Trinocular, with Epi-Fluorescence Kit |
| H607 | Binocular, Hematology/Oncology with 50X, Plan |
| H607T | Trinocular, Hematology/Oncology with 50X, Plan |
| H608 | Binocular, Polarizing with Red Compensator, Plan |
| H608T | Trinocular, Polarizing with Red Compensator, Plan |
| B6-8041 | Advanced Polarizing Filter Set with Red Compensator |
| 97100 | Urate Crystal Control Slide (Uric Acid Crystals) |
| B6-8010 | Camera Adapter with T-Mount (for Trinocular models) |
| B6-8020 | Video Adapter with C-Mount (for Trinocular models) |
| B6-8030 | Phase Contrast Set, 10,40,100X objectives and Phase Condenser |

Se habla español. Visítenos en el Internet:
www.unicosci.com/espanol
 o llámenos por teléfono al 609-240-5507.



Semi-Plan Phase Contrast Set

This set works with any H600 Series microscope and provides full-phase contrast microscopy. Consists of:

- Semi-Plan Phase Objectives: 10x, 40x and 100x (oil)
- Turret Condenser, with "0" position for brightfield microscopy
- Centering Telescope to set up and align the condenser to objectives
- Extended centering thumbscrews (pair)
- Wooden, padded carrying and storage case

| Item No. | Description |
|----------|------------------------------|
| B6-8030 | Semi-Plan Phase Contrast Set |



Advanced Polarizer Filter Set

This set produces beautiful polarized imaging on your H600 series microscope. The set consists of three filters (including a Red Compensator), an add-on slot for the condenser to insert filter # 3 and a Urate Crystal Control Slide. Use the control slide to see what Urate (Uric Acid) crystals are supposed to look like and for setting up your microscope to view patient samples. Two of the filters (# 1 and 2) have rotational wheels for adjusting the polarizing filters for viewing birefringent crystals in lieu of a rotating stage. This accessory to the H600 series will make your microscope even more versatile.

| Item No. | Description |
|----------|-------------------------------|
| B6-8042 | Advanced Polarizer Filter Set |

| | H605 | H605T | H606 | H607 | H607T | H608 | H608T |
|---------------------|--------------------------------|--------------------------------|------------------------------------|---|---|---------------------------------|---------------------------------|
| Head | Binocular | Trinocular | Binocular | Binocular | Trinocular | Binocular | Trinocular |
| Eyepiece | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP | 10X WF(2)Hi-EP |
| Objectives | 4,10,40,100X Phase Contrast | 4,10,40,100X Phase Contrast | 4,10,40,100X Epi-Fluorescence | 4,10,40,50X Oil,100X Plan Hematology | 4,10,40,50X Oil,100X Plan Hematology | 4,10,40,100X Plan Polarizing | 4,10,40,100X Plan Polarizing |
| Condenser | Phase | Phase | NA 1.25 | NA 1.25 | NA 1.25 | NA 1.25 | NA 1.25 |
| Diaphragm | Iris | Iris | Iris | Iris | Iris | Iris | Iris |
| Stage | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical | Mechanical |
| Illumination | Halogen Koehler - Iris | Halogen Koehler - Iris | Epi-Fluorescence Koehler - Iris | Halogen Koehler - Iris | Halogen Koehler - Iris | Halogen Koehler - Iris | Halogen Koehler - Iris |
| Bulb | 6 Volt/20 Watt | 6 Volt/20 Watt | 6 Volt/100 Watt | 6 Volt/20 Watt | 6 Volt/20 Watt | 6 Volt/20 Watt | 6 Volt/20 Watt |
| Focusing | Coaxial | Coaxial | Coaxial | Coaxial | Coaxial | Coaxial | Coaxial |