



# H604 Microscope

The H604 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 H604 is perfect for the research or clinical setting. It is designed for discerning users who require 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 Plan objectives. Select from 4x, 10x, 20x, 25x, 40x, 50x Oil, 60x Dry, and 100x Oil. A powerful halogen illuminator provides steady bright white light with a Koehler field iris for maximum lighting and contrast control. Each H604 comes with a dust cover, manual, blue filter, and extra fuse.

MWI#	DESCRIPTION	UNIT
610059	H604 Microscope with Plan Objectives	Each



Order Desk: (800) 824-3703  
Online Order: [www.mwivet.com](http://www.mwivet.com)



*the right choice.*

# Objectives



Plan Objectives

# Specifications

<b>HEAD</b>	Seidentopf binocular. Each head rotates 360° and has a 30° inclination. The light is split 80/20 by a high-quality coated prism. Interpupillary distance is 55 to 75 mm.
<b>NOSEPIECE</b>	A reverse 5-position nosepiece allows easier slide insertion and manipulation as well as room for an extra objective for special applications. The precision ball bearings and internal stop ensure operational ease and durability.
<b>EYEPIECE</b>	WF10X/FN 18 eyepieces. A pointer or reticule can be added. High eyepoint oculars are available for users who wear glasses.
<b>OBJECTIVES</b>	All objectives are parfocal, parcentered and color coded. The 40X and 100X are spring loaded.
<b>FOCUS</b>	The low position coaxial coarse and fine focusing system are designed to lessen user fatigue. 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 0.002 mm.
<b>STAND</b>	Ruggedly constructed all-metal stand and broad low-profile base.
<b>STAGE</b>	Newly designed heavy-duty, built-in mechanical stage uses ball bearings and a dovetail mechanism. Low coaxial controls with large (130 mm x 160 mm) platform with X-Y travel of 76 mm x 50 mm graduated in 0.1 mm.
<b>CONDENSER</b>	Abbe condenser NA 1.25 with iris diaphragm and filter holder mounted in the adjustable substage to accommodate a phase annulus, ring, polarizer or darkfield stop. Turret phase and darkfield condensers are available and can be installed quickly and easily.
<b>ILLUMINATOR</b>	Built-in 6V, 20W halogen 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.
<b>ELECTRIC</b>	UL and CSA approved electrical parts, three-wire grounded electric cord.
<b>WARRANTY</b>	5-year limited warranty.