

G380 Series Microscopes



Actual Size: 9.5" x 7.5" x 16.0"
 Shipping Dimension:
 13.5" x 10.5" x 17.5"
 Net Weight: 14.0 lbs
 Shipping Weight: 18.0 lbs

The G380 combines state of the art design and features with the latest optical coating technologies for crisp, clear imaging on a versatile and ergonomic platform. All models in the G380 series feature "High-Eyepoint" 10x widefield eyepieces. This unique design allows users wearing glasses to comfortably view through the scope without removing their glasses as they would have to with traditional eyepieces.

Available with your choice of Monocular, Dual-View, Binocular, or Trinocular heads, all of which rotate 360°. Select from standard Achromat, Semi-Plan, or flat-field Plan achromat objectives. All models have 30° head angles.

Includes a focusable 1.25 NA Abbe condenser with Iris Diaphragm, oversized graduated coaxial coarse and fine focus controls, swing-out filter holder and a port to allow insertion of a Phase Annulus for Phase microscopy. A ball-bearing movement mechanical stage is also standard with low position coaxial controls.

Features an integrated dual voltage transformer (110V and 220V) and a detachable power cord so you can use this scope anywhere in the world.

Options include Koehler illumination, Phase contrast objectives, and a Dual Slide Holder.

Item No.	Description
G380-LED	Binocular Microscope with Achromat Objectives
G380SP-LED	Binocular Microscope with Semi-Plan Objectives
G380PL-LED	Binocular Microscope with Plan Objectives
G381-LED	Monocular Microscope with Achromat Objectives
G381SP-LED	Monocular Microscope with Semi-Plan Objectives
G381PL-LED	Monocular Microscope with Plan Objectives
G382-LED	Dual Head Microscope with Achromat Objectives
G382SP-LED	Dual Head Microscope with Semi-Plan Objectives
G382PL-LED	Dual Head Microscope with Plan Objectives
G383-LED	Trinocular Microscope with Achromat Objectives
G383SP-LED	Trinocular Microscope with Semi-Plan Objectives
G383PL-LED	Trinocular Microscope with Plan Objectives
G380-8021	0.65x Video Adapter with C-Mount
B6-9005	Fuse, 1.5A, 250V
G380-8034	10x Semi-Plan Phase Objective & Slide-In Annulus
G380-8031	40x Semi-Plan Phase Objective & Slide-In Annulus
B6-8910	Optical Cleaning Kit
G380-9008	The Backpack™ Accessory Organizer for G380 Microscopes

	G380-LED	G380SP-LED	G380PL-LED	G381-LED	G381SP-LED	G381PL-LED
Head	Binocular	Binocular	Binocular	Monocular	Monocular	Monocular
Eyepiece	10X WF(2)Hi-EP	10X WF(2)Hi-EP	10X WF(2)Hi-EP	10X WF Hi-EP	10X WF Hi-EP	10X WF Hi-EP
Objectives	4,10,40,100X Achromat	4,10,40,100X Semi-Plan	4,10,40,100X Plan	4,10,40,100X Achromat	4,10,40,100X Semi-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	LED	LED	LED	LED	LED	LED
Bulb	3 Watt LED	3 Watt LED	3 Watt LED	3 Watt LED	3 Watt LED	3 Watt LED
Focusing	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial

Med/Vet Practice Microscopes



G381-LED with Monocular Head



G383-LED with Trinocular Head
(shown with optional C-mount camera adapter)



G382-LED with Dual Head

Specifications:

- **HEADS:** Available with Monocular, Binocular, Dual View or Trinocular heads with 52 – 75 mm interpupillary distance adjustment. All rotate 360°, have a 30° viewing angle, and lock in-place with a thumbscrew
- **EYEPIECES:** Standard with 10x "High-Eyepoint" widefield oculars designed to improve viewing while wearing glasses. Reticules and Pointers available on request
- **OBJECTIVES:** All models feature DIN Standard 4x, 10x, 40xR and 100xR objectives. 40 and 100x objectives are "R", or Retractable. Options are: Achromat, Semi-Plan, or Plan Achromats. Simple Phase Contrast is available in 40x
- **OBJECTIVE Numerical Aperture:**
 4x = NA 0.10 10x = NA 0.25
 40x = NA 0.65 100x = NA 1.25
- **MAGNIFICATION:** With 10x eyepieces, standard magnification is 40x, 100x, 400x and 1,000x (Oil Immersion)
- **CONDENSER:** Features a focusable NA 1.25 Abbe condenser with port for optional Simple Phase Contrast Annulus insertion. Focusable with rack and pinion movement
- **STAND and Nosepiece:** Sturdy cast metal frame with polymer accent panels, designed to provide stability
- **STAGE:** Built-in Graduated Mechanical Stage with low-position coaxial X-Y controls. Ball bearing movement allows for smooth, precise adjustments. Stage size: 142 mm x 132 mm. Range of X-Y stage movement: 55 mm x 75 mm. Spring loaded slide holder
- **IRIS DIAPHRAGM:** Features adjustable Iris with metal leaf overlay design. Optical design allows for Blue and other filters to be mounted in the illuminator housing
- **FOCUSING:** Features smooth, extra-large graduated coaxial coarse and fine focus controls with tension adjustment to eliminate stage drift. Adjustable to your personal preferences
- **ILLUMINATION:** 3 Watt LED light source standard. Variable intensity rheostat wheel is located on the left side of the base
- **ELECTRICAL:** 110V- 60 Hz to 240V- 50 Hz, universal power supply. The fuse rating is 250V 1.5A
- Complete with dust cover, two extra fuses and operation manual
- Five Year Limited Warranty, One Year on electrical system; excludes bulbs and fuses

	G382-LED	G382SP-LED	G382PL-LED	G383-LED	G383SP-LED	G383PL-LED
Head	Dual Head	Dual Head	Dual Head	Trinocular	Trinocular	Trinocular
Eyeiece	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	4,10,40,100X	4,10,40,100X	4,10,40,100X	4,10,40,100X	4,10,40,100X
	Achromat	Semi-Plan	Plan	Achromat	Semi-Plan	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	LED	LED	LED	LED	LED	LED
Bulb	3 Watt LED	3 Watt LED	3 Watt LED	3 Watt LED	3 Watt LED	3 Watt LED
Focusing	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial



A G380 showing the G380-9008 Backpack™ Accessories Organizer, a handy way to keep supplies organized and easy to find.