

### Compound Microscopes

**Semi-plan objectives give high-image quality, contrast, and flatness of field**

- Koehler illumination provides an evenly illuminated image without reflection or glare
- Smooth-operating, ball-bearing quintuple nosepiece provides effortless objective changes

All models feature semi-plan objectives, Koehler illumination, rack and pinion focusing mechanism, reverse-angle nosepiece for easy access to the specimen and stage, diopter adjustment of each eyepiece, and interpupillary adjustment to relieve eyestrain. Choose from binocular and trinocular viewing heads.

Models with standard semi-plan objectives feature a fully rotatable head and halogen illumination with an achromatic light condenser to correct for chromatic aberrations. Models with infinity-corrected semi-plan objectives feature Siedentopf viewing heads, low-position ergonomic focus control, choice of LED or halogen illumination with an Abbe condenser, ceramic-coated stage, and universal power supply. Models 48400-06 and -07 include phase-contrast objectives.

**What's included:** 6-ft (1.8-m) power cord. Models with standard semi-plan objectives also include a blue filter; models with infinity-corrected semi-plan objectives also include a green filter, dust cover, and immersion oil.



48400-01

#### TECHNICAL information!

With a Siedentopf head, you adjust the interpupillary distance by twisting the eyepieces in a vertical arc, like binoculars.



Limited  
Lifetime  
warranty

Catalog number	Total magnification	Head	Observation modes	Illuminator	Power (VAC, Hz)	Price
<b>Microscopes with standard semi-plan objectives</b>						
SN-48401-20	40x/100x/400x/1000x	Binocular	Brightfield	30 W halogen	115, 60	
SN-48401-25					220, 50	
SN-48401-30		40x/100x/400x/1000x	Trinocular	Brightfield	30 W halogen	115, 60
SN-48401-35	220, 50					
<b>Microscopes with infinity-corrected semi-plan objectives</b>						
SN-48400-01	40x/100x/400x/1000x	Binocular	Brightfield	LED	100 to 240, 50/60	
SN-48400-02				30 W halogen		
SN-48400-03	40x/100x/400x/1000x	Trinocular	Brightfield	LED	100 to 240, 50/60	
SN-48400-04				30 W halogen		
SN-48400-06	40x brightfield,	Binocular	Brightfield and phase contrast	30 W halogen	100 to 240, 50/60	
SN-48400-07	100x/400x phase contrast	Trinocular				

SN-48401-70 Eyepiece reticle with cross hair .....

SN-48401-51 Replacement bulb, 30 W halogen .....

SN-48401-71 Eyepiece reticle with 10-mm scale .....

SN-48400-63 C-mount adapter for 1/8" chip camera .....

### Cole-Parmer Brand Microscope Slides

- Precision ground edges on all four sides

The raised coating on the Superfrost and Colorfrost slides keeps them separated to prevent sticking and scratching. Color frosted slides make identification a snap. Slides measure 75 x 25 mm and are 1-mm thick.



Description	One gross (144 slides)		One case (10 gross)	
	Catalog number	Price	Catalog number	Price/cs
Plain	DY-48500-00		DY-48500-20	
Frosted	DY-48501-00		DY-48501-20	
White Superfrost	DY-48502-00		DY-48502-20	
Blue Colorfrost	DY-48503-00		DY-48503-20	
Green Colorfrost	DY-48503-01		DY-48503-21	
Pink Colorfrost	DY-48503-02		DY-48503-22	
Yellow Colorfrost	DY-48503-03		DY-48503-23	