

VWR[®] Microscopes for a diverse application focus

01. AFFORDABLE, ROBUST
& RELIABLE

02. FOCUSING ON DIVERSE
APPLICATIONS



The right microscope for your application

VWR, part of Avantor, offers a portfolio of high-quality competitively priced microscopes. Each provides superb value for the money, and multiple options are available to suit your application and budget. Whether you are working in a research lab, clinical lab, or production facility, you will find the microscope to suit your needs.

Contact your local VWR sales representative today for more information. Need product support? VWR offers one source for all of your VWR technical product questions. Email TechnicalProductSupportNA@vwr.com or call 1 888 897 5463 to speak with an expert.



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Ideal for lab,
routine, and
research work

VWR® LABORATORY COMPOUND MICROSCOPES

MICROSCOPE WITH PLANACHROMATIC OBJECTIVES SUITABLE FOR LAB, ROUTINE AND RESEARCH WORK

- Binocular/Trinocular Siedentopf-type head with 30° inclination and 360° rotation
- Widefield eyepieces (WF10X / 20mm)
- Reversed quintuple nosepiece
- Plan objectives (PL 4X, 10X, 40X S, 100X S-Oil)
- Coaxial coarse and fine focusing adjustment
- Built-in low position coaxial mechanical stage
- Centerable and focusable 1.25 N.A Abbe condenser
- Iris diaphragm with filter holder
- Koehler illumination halogen lamp (12V / 20W) with intensity control
- Electrical: 110V
- UL listed; CSA certified

Description	Cat. No.
Laboratory Compound Binocular Microscope	89404-470
Laboratory Compound Trinocular Microscope	89404-468

Description	Cat. No.
Eyepieces, Micrometers (per piece)	
Eyepiece Micrometer	89496-658
Plate Stage Micrometer	89496-656
WF10X / 20mm	89403-326
WF15X / 12mm with Pointer	89403-328
WF15X / 12mm without Pointer	89403-330
WF20X / 11mm	89403-332
Plan Objectives	
PL 4X / 0.10	89403-340
PL 10X / 0.25	89403-342
PL 40X / 0.65 / S	89403-346
PL 60X / 0.85 / S	89403-348
PL 100X / 1.25 / S - Oil	89403-350



89404-468

Description	Cat. No.
Accessories	
Complete Phase Contrast Set Including: Plan Objectives (PLPH 10X, 20X, 40X S and 100X S-Oil) Turret Type 1.25 N.A. and Centering Telescope	89403-362
Polarizing Set	89403-472
Camera Adapters and Bulbs	
2.5X SLR Projection Lens	89403-368
4X SLR Projection Lens	89403-370
0.5X C-Mount Camera Adapter For 1/2" Chip Sensors	89403-372
45 mm Frosted Filter	89496-668

Ergonomic, anti-fatigue design with plan and phase contrast objectives

VWR® LABORATORY COMPOUND MICROSCOPE
MICROSCOPE WITH PLAN AND PHASE CONTRAST OBJECTIVES

- Trinocular Siedentopf-type head with 30° inclination and 360° rotation
- Light distribution (100/0, 20/80)
- Widefield eyepieces (WF10X / 20mm)
- Reversed quintuple nosepiece
- Plan objectives (PL 4X) and phase contrast plan objectives (PLPh 10X, 40X S, 100X S-Oil)
- Coaxial coarse and fine focusing adjustment
- Built-in low position coaxial mechanical stage
- Special five-hole turret-type Abbe condenser 1.25 N.A. with choices for phase contrast (10X, 40X, 100X)
- Bright field and dark field
- Centering telescope
- Koehler illumination halogen lamp (12V / 20W) with intensity control
- Electrical: 110V
- UL listed; CSA certified



89404-474

Description	Cat. No.
Clinical Lab Trinocular Microscope	89404-474

Description	Cat. No.
Eyepieces, Micrometers (per piece)	
Eyepiece Micrometer	89496-658
WF10X / 20mm	89403-326
WF15X / 12mm with Pointer	89403-328
WF15X / 12mm without Pointer	89403-330
WF20X / 11mm	89403-332
Plan Objectives	
4X / 0.10	89403-340
10X / 0.25	89403-342
40X / 0.65 / S	89403-346
60X / 0.85 / S	89403-348
100X / 1.25 / S - Oil	89403-350
Plan Phase Objectives	
20X	89496-674

Description	Cat. No.
Accessories	
Complete Phase Contrast Set Including: Plan objectives (PLPH 10X, 20X, 40X S and 100X S-Oil) Turret-Type 1.25 N.A. and Centering Telescope	89403-362
Complete Darkfield Phase Contrast Set Including: Plan Objectives (PLPH 10X, 20X, 40X S and 100X S-Oil) 1.25 N.A., Centering Telescope and Dark Field Attachment	89496-670
Polarizing Set	89403-472
Centering Phase Telescope	89496-672
Camera Adapters and Bulbs	
2.5X SLR Projection Lens	89403-368
4X SLR Projection Lens	89403-370
0.5X C-Mount Camera Adapter for 1/2" Chip Sensors	89403-372

NEW

Ideal for daily routine use by universities, clinics, and labs

VWR® PROFESSIONAL PLUS SERIES MICROSCOPES, FOCUSABLE ABBE CONDENSER

- Binocular/Trinocular Siedentopf-type head with 30° inclination and 360° rotation
- Focusable Abbe condenser N.A. 0.90 with iris diaphragm and slot
- Light distribution 100/0, 20/80
- Widefield eyepieces (WF10X / 20mm)
- Reversed quadruple nosepiece
- Infinity Corrected Plan Achromat Objectives (PL 4X, 10X, 40X S, 100X S-Oil)
- Coaxial coarse and fine focusing adjustment
- Built-in low position coaxial mechanical stage
- Centerable and focusable 1.25 N.A Abbe condenser
- Iris diaphragm with filter holder
- Koehler illumination 3W LED with intensity control
- Electrical: 110V
- UL listed; CSA certified



76122-408

Description	Cat. No.
Professional Plus Binocular Microscope	76122-408
Professional Plus Trinocular Microscope	76122-380

Description*	Cat. No.
Eyepieces (per piece)	
N-WF10X/ 20 mm Focusable with Diopter Adjustment	10767-562
N-WF12.5X/ 18 mm, Focusable with Diopter Adjustment (B.EYE44B)	89168-440
N-WF15X/ 16 mm, Focusable with Diopter Adjustment (B.EYE30B)	89168-442
Reticle for N-WF Eyepiece (per piece)	
Cross line (25mm diameter)	89168-448
Micrometer (100 divisions in 10mm) (25mm diameter)	89168-446
Cross line with micrometer (100 divisions in 10mm) (25mm diameter)	89168-444
Pointer (25mm diameter)	89403-488
Plan Phase Achromat Objectives EC-H PL PH	
CCIS EC-H PL Ph10X/0.25	89168-468
CCIS EC-H PL Ph40X/0.65/S	89168-472
Phase Contrast Equipment	
3-Position Phase Slider for 10X, 40X Phase, Centerable, (used w/EC-H Plan Phase Objectives)	89168-476
Phase contrast 5 position (BF, DF, Ph1, Ph2, Ph3) Turret Condenser	89168-452
Phase centering telescope	89403-508

Description*	Cat. No.
Darkfield	
Simple darkfield slider (10X-40X)	89168-484
Photo and Video Adapters	
1X C-mount camera adapter (No lens)	10767-532
0.65X C-mount camera adapter for 1/8" chip sensors	10767-530
0.5X C-mount camera adapter for 1/2" chip sensors	10767-528
Photo Adapter (requires one of the photo eyepieces below)	10767-524
2.5X photo eyepiece (to be used with Photo Adapter)	10767-524
4X photo eyepiece (to be used with Photo Adapter)	89403-556
Accessories	
45mm Yellow filter	89403-558
45mm Green filter	19000-096
45mm Blue filter	19000-094
LED Bulb Assembly	89403-474

*All listed accessories are for VWR Professional Plus Series Microscopes (76122-408, 76122-380, 76122-382, 76122-406).

NEW

Built to last through consistent use of demanding medical and life-science research applications

VWR® PROFESSIONAL PLUS SERIES MICROSCOPES, PHASE CONTRAST 5 POSITION TURRET CONDENSER

- Binocular/Trinocular Siedentopf-type head with 30° inclination and 360° rotation
- Phase contrast 5 position (BF, DF, PH1, PH2, PH3) turret condenser
- Includes phase centering telescope
- Light distribution 100/0, 20/80
- Widefield eyepieces (WF10X / 20mm)
- Reversed quadruple nosepiece
- EC-Plan and positive phase objectives (EC PL 4x, ph10x, ph40x S, ph100x S-oil)
- Coaxial coarse and fine focusing adjustment
- Built-in low position coaxial mechanical stage
- Centerable and focusable 1.25 N.A Abbe condenser
- Iris diaphragm with filter holder
- Koehler illumination 3W LED with intensity control
- Electrical: 110V
- UL listed; CSA certified

Description	Cat. No.
Professional Plus Phase Binocular Microscope	76122-382
Professional Plus Phase Trinocular Microscope	76122-406



76122-406

Accessories on page 5

OUR BEST SELLER!

Ideal Inverted microscope for live cell, advanced applications, routine-lab, research, and educational needs

VWR® INVERTED TRINOCULAR MICROSCOPE

- Trinocular inverted Siedentopf-type head with trinocular tube and 45° inclination (Light Split = 20/80)
- WF PL 10X/22mm high eyepoint eyepiece
- Side facing quintuple nosepiece
- CCIS Planachromatic objective PL4X, CCIS Planachromatic phase objective (Ph10X, LWD PL Ph20X, LWD PL Ph40X)
- ELWD N.A. 0.30 condenser
- Centerable phase slider with PH1, PH3 and bright field
- Phase centering telescope Plain Stage with attachable mechanical stage with well plate holders (128x86mm)
- Glass and metal stage inserts (32mm, 54mm, 65mm Petri dish holder included)
- Externally mounted centerable 6V/30W
- Koehler illumination halogen lamp with intensity control
- 45mm blue, ground glass and green interference filter
- Power cord, allen hexagonal key, vinyl dust cover
- Universal power supply (100-240V)
- UL listed; CSA certified



89404-462

Description	Cat. No.
Inverted Trinocular Microscope	89404-462

Description	Cat. No.
Eyepieces	
WF PL 10X/22Mm, With Diopter Adjustment And Rubber Eyecup	89403-572
WF PL 10X/22mm, With Cross Line And Diopter Adjustment	89403-574
WF PL 12.5X/17.5mm, With Diopter Adjustment	89403-576
WF PL 15X/14.5mm, With Diopter Adjustment	89403-578
WF PL 20X, With Diopter Adjustment	89496-650
Reticle (per piece)	
Cross Line	89403-580
Micrometer (100 Divisions in 10mm)	89403-582
ISCC Planachromatic Objectives	
10X / 0.25	89403-588
ISCC Planachromatic Long Working Distance Objectives - PL LWD INV	
20X / 0.4	89403-590
40X / 0.6	89403-592
ISCC Plan Phase Long Working Distance Objectives - PL PH LWD INV	
Ph10X / 0.25	89403-596
Ph20X / 0.40	89403-598
Ph40X / 0.60	89403-600
Condenser	
ELWD N.A. 0.30 (W.D. 72mm) Condenser	89403-602
LWD N.A. 0.5 (W.D. 28mm) Condenser	89403-604

Description	Cat. No.
Phase Contrast Equipment	
Phase Sliders, Centerable, Ph1, Brightfield, Ph3 (for ELWD Condenser)	89403-606
Phase Centering Telescope	89403-508
Stage Accessories	
Glass Insert	89403-610
Metal Insert	89403-612
Universal Attachable Mechanical Stage With Well Plate Holders (128 x 86 mm)	89403-616
Well Plate Holder (132 x 88 mm)	89403-618
35mm Petri Dish Holder	89403-620
54mm Petri Dish Holder	89403-622
65mm Petri Dish Holder	89403-624
Hemocytometer Holder	89403-626
Camera & Photomicroscopy Attachment	
0.65X C-Mount Camera Adapter For 2/3" Chip Sensors	89403-630
0.5X C-Mount Camera Adapter For 1/2" Chip Sensors	89403-632
0.35X C-Mount Camera Adapter For 1/3" Chip Sensors	89403-634
Quartz Halogen Lamp, 6V/30W	89403-566

Advanced inverted microscope for applications in biology, cell cytology, genetics, oncology, and immunology

VWR® INVERTED FLUORESCENCE MICROSCOPE

Suited for research, universities, routine lab and medical demands.

- Siedentopf-type head with trinocular tube and 45° inclination (Light Split = 0/100)
- WF PL 10X/22mm high eyepoint eyepiece
- Side facing quintuple nosepiece
- CCIS Planachromatic objective PL4X, LWD
- CCIS Planachromatic phase objective (Ph10X, LWD PL Ph20X,LWD PL Ph40x)
- ELWD N.A. 0.30 condenser
- Centerable phase slider with PH1, PH3 and bright field
- Phase centering telescope
- Plain Stage with attachable mechanical stage with well plate holders (128 x 86mm)
- Glass and metal stage inserts (32mm, 54mm, 65mm)
- Petri dish holder
- Externally mounted centerable 6V/30W
- Koehler illumination halogen lamp with intensity control
- 45mm blue, ground glass and green interference filter, power cord, allen hexagonal key, vinyl dust cover
- Universal power supply (100-240V)
- UL listed; CSA certified



Description	Cat. No.
Inverted Fluorescence Microscope	89404-464

With Complete Epi-Fluorescence Attachment for AE:

- Epi-Fluorescence attachment with filter cassette
- mercury lamp 100W
- Lamphouse HBO 100W, collector lens and mercury Lamp socket
- Starter unit HBO 100W
- Lamp centering tool
- DAPI, FITC and TRITC filter cubes included

For additional Filter Cube options and many available accessories please visit vwr.com.

Visit
vwr.com for
accessories

Stereo models for use in electronics inspection, education, and life science applications

VWR® ROUTINE STEREO ZOOM LED MICROSCOPES

- 45° Binocular/Trinocular stereomicroscope head
- Greenough zoom optical system
- Widefield eyepieces 10X / F.N. 20
- 0.75X -4.5X magnification range
- 6:1 Zoom Ratio
- 110mm working distance
- Compact incident / transmitted illumination stand
- 3W intensity controlled LED incident and transmitted illumination
- 100V - 240V (ul) power supply
- UL listed; CSA approved

Description	Cat. No.
Routine Stereo Zoom LED Binocular	76184-812
Routine Stereo Zoom LED Trinocular	76184-814



76184-812

VWR® STEREO BASIC LED MICROSCOPES

- 45° Binocular stereo-microscope head
- Widefield eyepieces (10X / F.N. 20)
- Turret objective
- LED intensity-controlled incident and transmitted illumination
- Electrical: 100V-240V
- UL listed; CSA approved

Description	Cat. No.
Stereo Basic LED 2X-4X Microscope Microscope	89404-492
Stereo Basic LED 1X-2X Microscope Microscope	89404-498



89404-492

New LED option!

High performance stereo microscope for life science, industrial, and pharmaceutical inspection

VWR® STEREO ZOOM OPTICAL MICROSCOPES

- Greenough zoom optical system
- 35° Binocular/Trinocular head, 360° rotation
- Photo/Video: 100% [right eyetube]
- Widefield eyepieces (10X / F.N. 23)
- 6.7 : 1 zoom ratio, WD = 113mm
- Magnification range: 0.75X - 5X
- Incident/transmitted large working area stand
- 12V/10W Intensity controlled halogen incident and transmitted illumination
- Electrical: 100V-240V
- UL listed; CSA certified

Description	Cat. No.
Stereo Zoom Binocular Microscope	89404-478
Stereo Zoom Trinocular Microscope	89404-476
Stereo Zoom Binocular LED Microscope	10836-004
Stereo Zoom Trinocular LED Microscope	10836-006

Description	Cat. No.
Eyepieces	
WF 5X/F.N. 23	89403-414
WF 6.25X/F.N. 23	89403-416
WF 15X/F.N.17.6	89403-420
WF 20X/F.N. 13.4	89403-422
WF 30X/F.N. 8	89403-424
WF 32X/F.N. 8	89403-426
WF 10X/F.N. 23	89403-418
Micrometer Eyepieces (per piece)	
Graduated Linear Line, Point = 0.2mm/14mm [Widefield 10X/F.N. 23]	89403-430
Graduated Linear Line and Plain Cross Hair, Point = 0.1mm/14mm [Widefield 10X/F.N. 23]	89403-432



Electronic assembly and bonding operations.

89404-478

Description	Cat. No.
Auxiliary Lenses	
0.3X Objective, WD = 324mm	89403-436
0.5X Objective, WD = 192mm	89403-438
0.63X Objective, WD = 156mm	89403-440
0.75X Objective, WD = 127mm	89403-442
1.5X Objective, WD = 50mm	89403-444
2.0X Objective, WD = 34.5mm	89403-446
Photo and C-Mount Camera Adapters	
0.35X C-Mount Camera Adapter (Focusable) for 1/4" Chip Sensors	89403-450
0.45X C-Mount Camera Adapter (Focusable) for 1/3" Chip Sensors	89403-452
0.65X C-Mount Camera Adapter (Focusable) for 1/2" Chip Sensors	89403-454
VWR® 1.0X C-Mount Camera Adapter (No Lens, Focusable)	89403-456

Polarizing, darkfield equipment, and spare bulbs are also available; visit vwr.com.

Setting science in motion to create a better world

At Avantor®, a new era has begun. From breakthrough discovery to agile delivery of advanced products and services across the globe, Avantor manufactures and distributes high-quality products, services and solutions to professionals in the life sciences and advanced technologies industries.



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