

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922) 49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Ижевск (3412)26-03-58
Иваново (4932)77-34-06
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Ноябрьск (3496)41-32-12
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сыктывкар (8212)25-95-17
Сургут (3462)77-98-35
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольяти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Улан-Удэ (3012)59-97-51
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

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Поляризационные микроскопы A15

A15 Polarizing



Polarizing Microscope is another type of compound microscope. which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.1091-T

Polarizing Microscope, Semi-APO, Transmit Light

- Research Level Polarizing Microscope, Manual, Transmit/Reflect, Semi-APO
- Extra Wide Eyepiece EW10x/25mm Dia.30mm Diopter Adjustable With Lock Pin
- Quintuple Nosepiece Center Adjustable, NIS60 Infinity Plan Strainless Semi-APO PL5x10x20x50x100x
- Round Stage Dia.190mm, With Attachable Moving Stage Range 30x30mm
- Transmit ECO Kohler Illumination 12V100W Halogen, Reflect 12V100W Halogen



A15.1091-TR

Polarizing Microscope, Semi-APO, Transmit & Reflect Light

- Research Level Polarizing Microscope, Manual, Transmit/Reflect, Semi-APO
- Extra Wide Eyepiece EW10x/25mm Dia.30mm Diopter Adjustable With Lock Pin
- Quintuple Nosepiece Center Adjustable, NIS60 Infinity Plan Strainless Semi-APO PL5x10x20x50x100x



A15.1091-R

Polarizing Microscope, Semi-APO, Reflect Light

- Research Level Polarizing Microscope, Manual, Transmit/Reflect, Semi-APO
- EW10x/22mm, EW10x/22 Scale Cross, Dia.30mm Diopter Adjustable With Lock Pin
- Quintuple Nosepiece Center Adjustable, Infinity Plan Strainless Semi-APO PL5x10x20x50x100x



A15.1019-B

Polarizing Microscope, Reflect & Transmit Light

- Quintuple Nosepiece Center Adjustable
- LWD Strain-free Infinity Plan Objectives 5x10x40x100x
- Round Stage Dia.170mm Center Adjustable



A15.2601-RTT

Polarizing Microscope, Reflect & Transmit Light, Trinocular

- Transmit & Reflect 5W LED Illumination + Swing Out Condenser N.A. 0.9/0.13 Center Adjustable
- Head & Eyepiece With Joint Move Design To Keep Right Side Eyepiece's Cross Direction
- Professional Polarizing Non-Stress LWD Infinity Plan Objective (Transmitting & Reflecting)



A15.2601-RTB

Polarizing Microscope, Reflect & Transmit Light, Binocular

- Transmit & Reflect 5W LED Illumination + Swing Out Condenser N.A. 0.9/0.13 Center Adjustable
- Head & Eyepiece With Joint Move Design To Keep Right Side Eyepiece's Cross Direction
- Professional Polarizing Non-Stress LWD Infinity Plan Objective (Transmitting & Reflecting)



A15.2601-RT

Polarizing Microscope, Reflect Light, Trinocular

- Reflect 5W LED Illumination + Swing Out Condenser N.A. 0.9/0.13 Center Adjustable
- Head & Eyepiece With Joint Move Design To Keep Right Side Eyepiece's Cross Direction
- Professional Polarizing Non-Stress LWD Infinity Plan Objective (Reflecting)



A15.2601-RB

Polarizing Microscope, Reflect Light, Binocular

- Reflect 5W LED Illumination + Swing Out Condenser N.A. 0.9/0.13 Center Adjustable
- Head & Eyepiece With Joint Move Design To Keep Right Side Eyepiece's Cross Direction
- Professional Polarizing Non-Stress LWD Infinity Plan Objective (Reflecting)



A15.2601-TT

Polarizing Microscope, Transmit Light, Trinocular

- Transmit 5W LED Illumination+ Swing Out Condenser N.A. 0.9/0.13 Center Adjustable
- Head & Eyepiece With Joint Move Design To Keep Right Side Eyepiece's Cross Direction

- Professional Polarizing Non-Stress LWD Infinity Plan Objective (Transmitting)



A15.2601-TB

Polarizing Microscope, Transmit Light, Binocular

- Transmit 5W LED Illumination+ Swing Out Condenser N.A. 0.9/0.13 Center Adjustable
- Head & Eyepiece With Joint Move Design To Keep Right Side Eyepiece's Cross Direction
- Professional Polarizing Non-Stress LWD Infinity Plan Objective (Transmitting)



A15.2603-A

Polarizing Microscope, Transmit, Binocular

- Transmit 5W LED Illumination + Center Adjustable Quadruple Nosepiece
- Non-Stress Infinity Plan Objective 4x,10x,20x,40x,60x,100x Optional
- Non-Stress Abbe N.A.1.25 Condenser, Center Adjustable With Polarizer Lens In Bottom



A15.2603-B

Polarizing Microscope, Transmit, Trinocular

- Transmit 5W LED Illumination + Center Adjustable Quadruple Nosepiece
- Non-Stress Infinity Plan Objective 4x,10x,20x,40x,60x,100x Optional
- Non-Stress Abbe N.A.1.25 Condenser, Center Adjustable With Polarizer Lens In Bottom



A15.0701-TRB

Polarizing Microscope, Transmit & Reflect

- Swing-out NA0.9/0.25 Abbe Condenser With Iris Diaphragm & Filter
- Bertrand Lens, Focus/Center Adjustable Sliding In/Out Of Optical Path
- 12V/50W Halogen Lamp With Iris Aperture Diaphragm And Iris Field Diaphragm, Brightness Adjustable



A15.0701-TRT

Polarizing Microscope, Transmit & Reflect

- Swing-out NA0.9/0.25 Abbe Condenser With Iris Diaphragm & Filter
- Bertrand Lens, Focus/Center Adjustable Sliding In/Out Of Optical Path
- 12V/50W Halogen Lamp With Iris Aperture Diaphragm And Iris Field Diaphragm, Brightness Adjustable



A15.0701-TB

Polarizing Microscope, Transmit

- Swing-out NA0.9/0.25 Abbe Condenser With Iris Diaphragm & Filter
- Attachable Mechanical Stage, Moving Range 30x40mm
- Bertrand Lens, Focus/Center Adjustable Sliding In/Out Of Optical Path



A15.0701-TT

Polarizing Microscope, Transmit

- Swing-out NA0.9/0.25 Abbe Condenser With Iris Diaphragm & Filter
- Attachable Mechanical Stage, Moving Range 30x40mm
- Bertrand Lens, Focus/Center Adjustable Sliding In/Out Of Optical Path



A15.1017-B

Digital Polarizing Microscope

- Outward Quadruple Nosepiece, Center Adjustable
- Strain Free Achromatic Objective 4x,10x,40x For Polarizing View
- Round Stage Dia.160mm, 360° Rotatable Center Adjustable



A15.1017-T

Polarizing Microscope

- Outward Quadruple Nosepiece, Center Adjustable
- Strain Free Achromatic Objective 4x,10x,40x For Polarizing View
- Round Stage Dia.160mm, 360° Rotatable Center Adjustable



A15.0204-A

Polarizing Microscope, Transmit Light

- Trinocular Head Inclination 30° Light Split 100% For Low Light Photography
- Infinity Plan LWD Strain-free Objective For Professional Polarizing View
- Double Layer Round Stage, 360° Rotatable, Diameter 150mm



A15.0204-B

Polarizing Microscope, Transmit & Reflect Light

- Trinocular Head Inclination 30° Light Split 100% For Low Light Photography

- Infinity Plan LWD Strain-free Objective For Professional Polarizing View
- Double Layer Round Stage, 360° Rotatable, Diameter 150mm



A15.0908-T

Polarizing Microscope, Transmit Light

- Professional Polarizing Microscope Infinity Color Corrected Optical System
- Pluggable Analyzer, 360° Rotatable, 2° Increments, Precision 6', With Locking Device
- Circular Metal Stage Dia.160mm, Graphite Coating, 360° Rotatable, 1° Increment, Precision 6'



A15.0908-R

Polarizing Microscope, Reflect Light

- Infinity Color Corrected Optical System
- Pluggable Analyzer, 360° Rotatable, 2° Increments, Precision 6', With Locking Device
- Circular Metal Stage Dia.160mm, Graphite Coating, Anti-corrosive And Anti-friction, 360° Rotatable, 1° Increment, Precision 6'



A15.0908-RT

Polarizing Microscope, Reflect & Transmit Light

- Infinity Color Corrected Optical System
- Pluggable Analyzer, 360° Rotatable, 2° Increments, Precision 6', With Locking Device
- Circular Metal Stage Dia.160mm, Graphite Coating, Anti-corrosive And Anti-friction, 360° Rotatable, 1° Increment, Precision 6'



A15.1302-C

Polarizing Microscope

- Economical Polarizing Microscope With Full Polarizing Function
- Round Stage Dia.120mm 360° Rotatable Minimum 6' Scale
- Polarizer On Light Collector 360° Rotatable
- ...



A15.2604

Polarizing Microscope, Monocular, Achromatic

- Transmit Polarizing Microscope With 12V20W Halogen Illumination
- Strain-free Achromatic Objective 4x,10x,20x,40x, 60x Optional
- Strain-free Abbe N.A.1.25, Iris Diaphragm, With Polarizer Lens In Bottom



A15.2701

Polarizing Microscope, Transmit Light

Specification	A15.2701 Transmitted Illumination Polarizing Microscope	A	B
Optical System	UCIS infinity independent achromatic optical system		
Head	Seidentopf binocular head 30° inclined, rotatable 360°, interpupillary distance 52-75mm	•	
	Seidentopf trinocular head 30° inclined, rotatable 360°, interpupillary distance 52-75mm		•
Magnification	40x - 1000x		
Eyepiece	WF10x/20mm, plan, high eyepoint up to 21mm,		
	WF10x/20mm, plan, reticule eyepiece		

Objective	Infinity strain-free achromatic objectives 4x, 10x, 40x(s) and 100x (s/oil)		
Focus System	Low positioned, coaxial coarse & fine focusing system with an adjustable tension control and upper limit stop, coarse 14mm/rot, fine 0.1mm/rot, minimum reading 1µm on left-side fine knob, moving range 20mm		
Nosepiece	Quadruple, reversed type with positive click stops		
Condenser	Swing-out condenser N.A.1.25		
Stage	Rotating stage, size 142mm, Pre-centered and 360° rotatable		
	Specimen holder		
Polarization	The polarizer mounted under the condenser holder rotates 360° with click stops every 45°, scale 0°45°90°135°180°225°270°315°		
	The Intermediate tube has a analyzer with large rotation control dial for easy adjustment and accurate reading through rotations of 180°,division 1°,accuracy 6'. The built-in focusable and centerable Bertrand lens allows conoscopic observation. with compensator slot		
Compensator	1/4λ Plate		
	λ Plate, first class red		
	Quartz wedge plate, I-IV class		
Kohler Illumination	With field diaphragm		
Transmitted Illumination	6V20W Halogen lamp, 110-240V wide voltage		
	6V20W Osram halogen bulb		
	250x/3.15A Φ5x20 fuse		
Filter	Blue Φ38		
Adapter	0.5x, C-Mount		•
Other	Immersion oil		
	Φ2mm Allen screw driver		
	Φ1.5mm Allen screw driver		
	Dust cover		
	Power cord		



A15.1123

A15.1123 1000x Binocular/ Trinocular Polarizing Biological microscope

A15.1123 Polarizing Biological microscope

This scope transmission polarization microscope is one of the most modern designed instruments for metallurgy, geology and minerals areas and is in common use in altitude academy. Recent year, with the development of optics technology, polarization microscope, as optics instrument, whose the range of application becomes wider and wider. This transmission polarization microscope is collocated gypsum (λ), mica($1/4\lambda$) sample, quartz wedge, attachable mechanical stage and any other parts. It is a set of new product that has maturity function and good quality.

Specification		A15.1123-A	A15.1123-B
Head	Sliding Binocular Head Inclined at 45 ° ,360 ° Rotatable sliding style	●	-
	Sliding Trinocular head Inclined at 45 ° ,360 ° Rotatable sliding style	-	●
Eyepiece	WF10X/22	●	●
	10X Gredding Eyepiece	●	●
	10X reticle Eyepiece	●	●
Objective	Achromatic(45mm) 4X	●	●
	Achromatic (45mm) 10X	●	●
	Achromatic(45mm) 25x.spring	●	●
	Achromatic(45mm) 40X, Spring	●	●
	Achromatic (45mm) 63x, Spring	●	●
Nosepiece	Quadruple Revolving Nosepiece	●	●
Stage	Round revolving stage Stage Dia:160mm Rotatable:360degree	●	●
Condenser	Swing Teype Abbe Condenser N.A.=1.25, with Iris Diaphragm and Filter	●	●
Focusing	Coaxial Coarse & Fine Focusing Knobs. Fine focusing scale:0.002mm	●	●
Light Collector	High brightness collector	●	●
Light Source	Halogen lamp 6V/30W Adjustable Brightness	●	●

● means standard outfit ○ means optional accessories



A15.1018
Polarizing Microscope, Transmit

- Quintuple Nosepiece Center Adjustable
- Strain-free Infinity Plan Objectives 4x10x40x100x

- Round Stage Dia.170mm Center Adjustable



A15.1302-B

Polarizing Microscope, Binocular

- Economical Polarizing Microscope With Full Polarizing Function
- Round Stage Dia.120mm 360° Rotatable Minimum 6' Scale
- Polarizer On Light Collector 360° Rotatable



A15.1302-A

Polarizing Microscope, Monocular

- Economical Polarizing Microscope With Full Polarizing Function
- Round Stage Dia.120mm 360° Rotatable Minimum 6' Scale
- Polarizer On Light Collector 360° Rotatable



A15.1019-A

Polarizing Microscope, Reflect Light

- Quintuple Nosepiece Center Adjustable
- LWD Strain-free Infinity Plan Objectives 5x10x40x100x
- Round Stage Dia.170mm Center Adjustable



A15.0206

Polarizing Microscope, Transmit Light

A15.0206		
Model	B	T
Head	Binocular Head	Trinocular Head
Eyepiece	Wide Field WF10X(Field Number:Φ20mm)	
	Dividing Eyepiece(Field Number:Φ20mm) 0.10mm/Div	
Objective	Strain-free plan achromatic objective	
	PL 5X/0.12 Work Distance: 18.3 mm	
	PL10X/0.25 Work Distance: 5.0 mm	
	PL 40X/0.65 (Spring) Work Distance: 0.66 mm	
	PL 60X/0.80 (Spring) Work Distance: 0.45 mm	
Polarizer	Under Condenser, 360°Rotatable, Have 0°, 90°,180°,270° Scale	
Collector	For LED illumination	
Light Source	LED 1W, Brightness Adjustable	
Abbe Condenser	NA 1.25 Rack & Pinion Adjustable	
Focus System	2μm. Coaxial Coarse/Fine Focus, With Tension Adjustable And Up Stop Minimum Division Of Fine Focusing: 2μm.	
Nosepiece	Quadruple (The Center Of Objective Is Adjustable)	
Stage	Double Layer Mechanical Round Stage Dia. 150mm Rotatable 360°, Division 1', Vernier Division 6', Can Be Locked	



A15.0011

Polarizing Microscope

A15.0011 Polarizing Microscope	
Head	Monocular Head, 30° Inclined, 360° Rotatable
Eyepiece	WF10x/18mm, WF15x/13mm
Nosepiece	Triple Nosepiece, Ball Bearing Inner Locating
Objective	Achromatic Objective 4x, 10x, 40x (S)

Working Stage	Round, Diameter 142mm, Rotatable 360°, Division 1°, Vernier division 6, Lockable
Focusing	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm
Condenser	NA 1.25 Condenser, Iris Diagraph, Filter
Polarizing	Analyzer: 0-90° Rotatable, Can Be Moved Out Of Optical Path For Single Polarizing Observe Betrand Lens Built-in Compensator: λ Slip (First Class Red), $1/4\lambda$ Slip, Quartz Wedge Plate (Optional) Polarizer: Mounted Under Abbe Condenser, 360° Rotatable
Light Source	High Light LED, Brightness Adjustable, With LED Indicator
Power	Cordless Built-in Rechargeable Battery 100~240V Wide Range Voltage Power On/Off LED Indicator
Packing	Net Weight 4.80Kgs/pc, Packing 2 pcs/Carton, GW 10Kgs, Size 34*48*43cm



A15.0012

Polarizing Microscope

A15.0012 Polarizing Microscope	
Head	Binocular Head, 30° Inclined, 360° Rotatable
Eyepiece	WF10x/18mm, WF15x/13mm
Nosepiece	Triple Nosepiece, Ball Bearing Inner Locating
Objective	Achromatic Objective 4x, 10x, 40x (S)
Working Stage	Round, Diameter 142mm, Rotatable 360°, Division 1°, Vernier division 6, Lockable
Focusing	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm
Condenser	NA 1.25 Condenser, Iris Diagraph, Filter
Polarizing	Analyzer: 0-90° Rotatable, Can Be Moved Out Of Optical Path For Single Polarizing Observe Betrand Lens Built-in Compensator: λ Slip (First Class Red), $1/4\lambda$ Slip, Quartz Wedge Plate (Optional) Polarizer: Mounted Under Abbe Condenser, 360° Rotatable
Light Source	High Light LED, Brightness Adjustable, With LED Indicator
Power	Cordless Built-in Rechargeable Battery 100~240V Wide Range Voltage Power On/Off LED Indicator
Packing	Net Weight 4.80Kgs/pc, Packing 2 pcs/Carton, GW 10Kgs, Size 34*48*43cm



A15.0013

Polarizing Microscope

A15.0013 Polarizing Microscope	
Head	Trinocular Head, 30° Inclined, 360° Rotatable
Eyepiece	WF10x/18mm, WF15x/13mm
Nosepiece	Triple Nosepiece, Ball Bearing Inner Locating
Objective	Achromatic Objective 4x, 10x, 40x (S)
Working Stage	Round, Diameter 142mm, Rotatable 360°, Division 1°, Vernier division 6, Lockable
Focusing	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm
Condenser	NA 1.25 Condenser, Iris Diagraph, Filter
Polarizing	Analyzer: 0-90° Rotatable, Can Be Moved Out Of Optical Path For Single Polarizing Observe Bertrand Lens Built-in Compensator: λ Slip (First Class Red), $1/4\lambda$ Slip, Quartz Wedge Plate (Optional) Polarizer: Mounted Under Abbe Condenser, 360° Rotatable
Light Source	High Light LED, Brightness Adjustable, With LED Indicator
Power	Cordless Built-in Rechargeable Battery 100~240V Wide Range Voltage Power On/Off LED Indicator
Packing	Net Weight 4.80Kgs/pc, Packing 2 pcs/Carton, GW 10Kgs, Size 34*48*43cm



A15.0021

Polarizing Microscope

A15.0021 Polarizing Microscope	
Head	Monocular Head, 30° Inclined, 360° Rotatable
Eyepiece	WF10x/18mm, WF15x/13mm
Nosepiece	Triple Nosepiece, Ball Bearing Inner Locating
Objective	Achromatic Objective 4x, 10x, 40x (S)
Working Stage	Round, Diameter 142mm, Rotatable 360°, Division 1°, Vernier division 6, Lockable

Focusing	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm
Condenser	NA 1.25 Condenser, Iris Diagraph, Filter
Polarizing	Analyzer: 0-90° Rotatable, Can Be Moved Out Of Optical Path For Single Polarizing Observe Bertrand Lens Built-in Compensator: λ Slip (First Class Red), $1/4\lambda$ Slip, Quartz Wedge Plate (Optional) Polarizer: Mounted Under Abbe Condenser, 360° Rotatable
Light Source	High Light LED, Brightness Adjustable, With LED Indicator
Power	Cordless Built-in Rechargeable Battery 100~240V Wide Range Voltage Power On/Off LED Indicator
Packing	Net Weight 4.80Kgs/pc, Packing 2 pcs/Carton, GW 10Kgs, Size 34*48*43cm



A15.0023

Polarizing Microscope

A15.0023 Polarizing Microscope	
Head	Trinocular Head, 30° Inclined, 360° Rotatable
Eyepiece	WF10x/18mm, WF15x/13mm
Nosepiece	Triple Nosepiece, Ball Bearing Inner Locating
Objective	Achromatic Objective 4x, 10x, 40x (S)
Working Stage	Round, Diameter 142mm, Rotatable 360°, Division 1°, Vernier division 6, Lockable
Focusing	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm
Condenser	NA 1.25 Condenser, Iris Diagraph, Filter
Polarizing	Analyzer: 0-90° Rotatable, Can Be Moved Out Of Optical Path For Single Polarizing Observe Bertrand Lens Built-in Compensator: λ Slip (First Class Red), $1/4\lambda$ Slip, Quartz Wedge Plate (Optional) Polarizer: Mounted Under Abbe Condenser, 360° Rotatable
Light Source	High Light LED, Brightness Adjustable, With LED Indicator
Power	Cordless Built-in Rechargeable Battery 100~240V Wide Range Voltage Power On/Off LED Indicator
Packing	Net Weight 4.80Kgs/pc, Packing 2 pcs/Carton, GW 10Kgs, Size 34*48*43cm



A15.0022

Polarizing Microscope

A15.0022 Polarizing Microscope	
Head	Binocular Head, 30° Inclined, 360° Rotatable
Eyepiece	WF10x/18mm, WF15x/13mm
Nosepiece	Triple Nosepiece, Ball Bearing Inner Locating
Objective	Achromatic Objective 4x, 10x, 40x (S)
Working Stage	Round, Diameter 142mm, Rotatable 360°, Division 1°, Vernier division 6, Lockable
Focusing	Coaxial Coarse & Fine Focus Knob, With Tension Adjustable And Limit Stopper, Minimum Division 0.002mm
Condenser	NA 1.25 Condenser, Iris Diagraph, Filter
Polarizing	Analyzer: 0-90° Rotatable, Can Be Moved Out Of Optical Path For Single Polarizing Observe Bertrand Lens Built-in Compensator: λ Slip (First Class Red), $1/4\lambda$ Slip, Quartz Wedge Plate (Optional) Polarizer: Mounted Under Abbe Condenser, 360° Rotatable
Light Source	High Light LED, Brightness Adjustable, With LED Indicator
Power	Cordless Built-in Rechargeable Battery 100~240V Wide Range Voltage Power On/Off LED Indicator
Packing	Net Weight 4.80Kgs/pc, Packing 2 pcs/Carton, GW 10Kgs, Size 34*48*43cm



A15.1303

Polarizingl Microscope

A15.1303 Polarizing Microscope	
Head	Sliding Trinocular Head, 45° Inclined, 360o Rotatable, Interpupillary Distance 55~75mm
Eyepiece	WF10x/18mm
	Wide Field Plane-Scope Eyepiece WF10X/18 with scale of Crosshair and 0.1mm
Nosepiece	Backward, Quarduple Nosepiece
Objective	45mm Strain Free Achromatic 4x,10x,40x(S),63x

Working Stage	Revolving Round Stage:Ø160mm.360°Rotatable and Graduated 1°Increments,Minimum Resolution 6'When Using Vernier Scale Center Adjustable;
Condenser	Abbe NA1.25, With Dia.2-Dia30mm Iris Diaphragm and Ø32 Filter
Focusing	Coaxial Coarse And Fine Focusing Adjustable, Mechanism:35mm, Precision:0.002mm;
Light Source	Adjustable Brightness Halogen Lamp 6V/20W(or 3.5V/1W LED Lamp) and Kohlar Illumination System;
Polarizing	Rotatable Analyzer with Graduation 0°-90°,Sliding out of Optical Path; Bertrand Lens, Sliding out of Optical Path; Optical Compensator:λSlip(first class red),1/4λSlip,Quartz Wedge Polarize:Under the Stage,0°Adjustable 360° Rotatable
Package	1 set/Carton 42X28X57cm
Gross Weight	13kg



A15.0903

Polarizing Microscope

A15.0903 Polarizing Microscope		A	B
Head	Infinity Gemel Binocular, 30° Inclined, 360° Rotatable, Interpupillary Distance 54-75mm, Diopter Adjustable +/-5°	○	
	Infinity Gemel Trinocular, 30° Inclined, 360° Rotatable, Interpupillary Distance 54-75mm, Diopter Adjustable +/-5°		○
Eyepiece	High Eyepoint Plan PL10x/18mm		
	High Eyepoint Plan PL10x/18mm, with Retical Micrometer		
Objective	Infinity Plan Stress Free Objective	4x/0.10	
		10x/0.25	
		40xs/0.65	
Nosepiece	Reversed Quadruple		
Focusing	Coaxial Coarse & Fine Focusing, With Tension Adjustable and Limited Stopper, Coarse Focus Range 28mm, Fine Focusing Precision 0.002mm		
Stage	Round Stage Dia.160mm, 360° Rotatable, 1° Increments, a Dose Value of Vernier 6', With Locking Device Special Metal Composing, Particularly Craftwork, Wear-Resistance and Resisting Corrode, with Micrometer 0.01mm Increments		
Condenser	Koehler Abbe Condenser 1.25, Stress Free		
Filter	Yellow, Dia.45mm		
Illumination	Transmit Illumination: Built-in Koehler Illumination, 6V30W Halogen Lamp, Precentered, With Continuously Intensity Control		
Polarizing	Intermediate Tube, with Built-in Analyser, 90° Rotary and Can Shift Out the Optical Way, --Bertrand Lens, --Polarizer, 360° Rotatable, 0,90,180,270 Four Type Graduations --Analyser, 360° Rotatable, 2° Increments, a Does Value of Vernier 6'		
Compensator	--Gyps 1λ , Dia.18mm, Optical Path Difference 551nm --Mica 1/4λ , Dia.18mm, Optical Path Difference 147.3nm --Quartz Wedge 12*28mm		

Power	90-240V Wide Voltage
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A15.0706
Polarizing Microscope

A15.0706 Polarizing Microscope	
Head	Monocular Viewing Head
Eyepiece	Eyepiece WF10×/18 with scale of cross hair
	Eyepiece WF10×/18 with graticule
	WF10x/18
	WF5x/20
Objective	Strain Free Achromatic Objective 4x,10x,25x,40x, 63x
Focusing	Coaxial coarse & fine adjustment, Range 28mm, Fine division 0.002mm
Stage	Revolving Round Stage Diameter Φ 130mm, Graduated in 1° Increments, Minimum resolution 6' when using vernier scale
Condenser	NA1.25 Abbe condenser with iris diaphragm & filter
Polarizer	360° Rotatable, Located on the top of collector
Bertrand Lens	Bertrand Lens, sliding in/out of optical path
Optical Compensator	λ Slip (First class red), 1/ 4 λ Slip, Quartz wedge
Illumination	6V/20W Halogen lamp, Brightness adjustable (Transmitted illumination)
Micrometer	0.01mm
Filter	Blue filter



A15.0705

Polarizing Microscope, Transmit & Reflect Light

A15.0705 Polarizing Microscope		B	T
Head	Sliding Binocular Viewing Head, Inclined at 45°	•	-
	Sliding Trinocular Viewing Head, Inclined at 45°	-	•
Eyepiece	Eyepiece WF10×/18 with scale of cross hair	•	•
	Eyepiece WF10×/18 with graticule	•	•
	WF10x/18	•	•
Objective	Strain Free Achromatic Objective 4x,10x,25x,40x, 63x	•	•
	Strain Free Plan Achromatic Objective 25x,40x, 63x	•	•
Nosepiece	Backward quadruple nosepiece, Center adjustable	•	•
Focusing	Coaxial coarse & fine adjustment, Range 28mm, Fine division 0.002mm	•	•
Stage	Revolving Round Stage Diameter Φ160mm, Graduated in 1° Increments, Minimum resolution 6' when using vernier scale	•	•
	Mechanical stage, moving range 30X40mm	•	•
Condenser	NA1.25 Abbe condenser with iris diaphragm & filter	•	•
Analyzer	Rotatable analyzer with gradation 0°-90°	•	•
Polarizer	360°Rotatable	•	•
Bertrand Lens	Bertrand Lens,sliding in/out of optical path	•	•
Optical Compensator	λ Slip (First class red), 1/ 4λ Slip, Quartz wedge	•	•
Illumination	12V/20W Halogen lamp, Brightness adjustable (Transmitted illumination)	•	•
	12V/50W Halogen lamp, Brightness adjustable (Reflected illumination)	•	•
Micrometer		•	•



A15.0704

Polarizing Microscope

A15.0704 Polarizing Microscope		A	B
Head	Sliding Binocular Viewing Head, Inclined at 45°	•	
	Sliding Trinocular Viewing Head, Inclined at 45°		•
Eyepiece	Eyepiece WF10×/20 with scale of cross hair	•	•
	Eyepiece WF10×/20 with graticule	•	•
	WF10x/20	•	•
Objective	Strain Free Achromatic Objective 4x,10x	•	•
	Strain Free Plan Achromatic Objective 25x,40x, 63x	•	•
Nosepiece	Backward quadruple nosepiece, Center adjustable	•	•
Focusing	Coaxial coarse & fine adjustment, Range 28mm, Fine division 0.002mm	•	•
Stage	Revolving Round Stage Diameter Φ 160mm, Graduated in 1° Increments, Minimum resolution 6' when using vernier scale	•	•
	Mechanical stage, moving range 30X40mm	•	•
Analyzer	Rotatable analyzer with gradation 0°-90°	•	•
Polarizer	360°Rotatable	•	•
Bertrand Lens	Bertrand Lens,sliding in/out of optical path	•	•
Optical Compensator	λ Slip (First class red), 1/ 4 λ Slip, Quartz wedge	•	•
Illumination	12V/50W Halogen lamp, Brightness adjustable	•	•
Micrometer		•	•



A15.0703

Polarizing Microscope, Transmit Light



A15.0702

Polarizing Microscope

A15.0702 Polarizing Microscope		A	B
Head	Sliding Trinocular Viewing Head, Inclined at 30°	•	•
Eyepiece	Eyepiece WF10×/18 with scale of cross hair	•	•
	Eyepiece WF10×/18 with graticule	•	•
	WF10x/18	•	•
Objective	Strain Free Achromatic Objective 4x,10x	•	•
	Strain Free Achromatic Objective 25×, 40×, 63× for Transmitted system	•	•
	Strain Free Achromatic Objective 25×, 40×, 63× for Reflected system	•	•
Nosepiece	Backward quadruple nosepiece, Center adjustable	•	•
Focusing	Coaxial coarse & fine adjustment, Range 28mm, Fine division 0.002mm	•	•
Stage	Revolving Round Stage Diameter Φ160mm, Graduated in 1° Increments, Minimum resolution 6' when using vernier scale	•	•
	Mechanical stage, moving range 30X40mm	•	•
Analyzer	Rotatable analyzer with gradation 0°-90°	•	•
Polarizer	360°Rotatable	•	•
Bertrand Lens	Bertrand Lens,sliding in/out of optical path	•	•
Optical Compensator	λ Slip (First class red), 1/ 4λ Slip, Quartz wedge	•	•
Condenser	NA0.1.25 Abbe condenser with Iris diaphragm & filter	•	•
Illumination	12V/20W Halogen lamp, Brightness adjustable (Transmitted illumination)	•	•
	12V/ 50W Halogen lamp Brightness adjustable (Reflected illumination)	-	•
Micrometer		•	•



A15.2702

Polarizing Microscope

Specification	A15.2702 Transmitted and Reflected Polarizing Microscope	A	B
Optical System	UCIS infinity independent achromatic optical system		
Head	Seidentopf binocular head 30° inclined, rotatable 360°, interpupillary distance 52-75mm	•	
	Seidentopf trinocular head 30° inclined, rotatable 360°, interpupillary distance 52-75mm		•
Magnification	40x - 1000x		
Eyepiece	Plan WF10x/20mm, high eyepoint up to 21mm,		
	Plan WF10x/20mm, polarizing reticule eyepiece		
Objective	Infinity strain-free achromatic objectives 4x, 10x, 40x(s) and 100x (s/oil)		
Focus System	Low positioned, coaxial coarse & fine focusing system with an adjustable tension control and upper limit stop, coarse 14mm/rot, fine 0.1mm/rot, minimum reading 1µm on left-side fine knob, moving range 20mm		
Nosepiece	Quadruple, reversed type with positive click stops		
Condenser	Swing-Out Condenser N.A.1.25		
Stage	Rotating stage, size 142mm, pre-centered and 360° rotatable		
	Specimen holder		
Polarization	The polarizer mounted under the condenser holder rotates 360° with click stops every 45°, scale 0°45°90°135°180°225°270°315°		
	The Intermediate tube has a analyzer with large rotation control dial for easy adjustment and accurate reading through rotations of 180°, division 1°, accuracy 6'. The built-in focusable and centerable Bertrand lens allows conoscopic observation. with compensator slot		
Compensator	1/4λ Plate		
	λ Plate, first class red		
	Quartz wedge plate, I-IV class		
Kohler Illumination	with field diaphragm		
Transmitted Illumination	6V20W Halogen lamp, 110-240V wide voltage		
	6V20W halogen bulb (Osram)		
	250x/3.15A Φ5x20 fuse		
Reflected Illumination	12V100 Halogen lamp house		
	12V50W Power supply unit		
	Reflected illuminator (single module)		
	Polarizer slider for reflected illuminator		
Filter	Blue Φ38		
Adapter	0.5x, C-Mount		•
Other	Immersion Oil		
	Φ2mm Allen Screw Driver		

	Φ1.5mm Allen Screw Driver
	Dust cover
	Power cord



A15.1015
Polarizing Microscope

A15.1015 Polarizing Microscope		B	T
Head	Sedentopf Binocular Head, 30° Inclined, 360° Rotatable	o	
	Sedentopf Trinocular Head, 30° Inclined, 360° Rotatable		o
Eyepiece	WF10x/18mm		
	WF10x/18mm, With Scale Of Crosshair		
Objective	Strain Free Achromatic Objective 4x,10x,40x,60x		
Nosepiece	Backward Quadruple Nosepiece, Center Adjustable		
Analyzer	Rotatable Analyzer With Graduation 0~90° Bertrand Lens, Sliding In/Out Of Optical Path Optical Compensator: -- λ Slip, First Class Red --1/4λ Slip --Quartz Wedge		
Working Stage	Round Stage Dia.160mm, 360° Rotatable, Graduation 1° Increment, Minimum Resolution 6', Center Adjustable		
Focusing	Coaxial Coarse & Fine Adjustment, Focusing Range 28mm, Fine Focusing Division 0.002mm		
Condenser	Abbe Condenser NA1.25, With Iris Diaphragm & Filter		
Polarizer	Swing-Out Polarizer 0~90° Rotatable, Located On Top Of Collector		
Illumination	Halogen Lamp 6V20W, Brightness Adjustable		



A15.1103
Polarizing Microscope

A15.1103 Polarizing Microscope Specification		-A	-B
Head	Compensation Free Binocular,30°inclined,55mm-75mm	●	-

	Compensation Free Trinocular,30°inclined,55mm-75mm		-	●
Eyepiece	Wide field WF10X/22mm		●	●
	Gridding Eyepiece		●	●
	Cross Eyepiece		●	●
	Eyepiece with Reticule		●	●
Objective	Stress-Free Infinity Plan-Achromatic Metallurgical Objective	40X	●	●
		60X	●	●
	Stress-Free Infinity Plan Achromatic Objective	4X	●	●
		10X	●	●
		20X	●	●
		40X	●	●
		60X	●	●
Condenser	Swing Type N.A.1.25 Abbe Condenser with Iris Diaphragm		●	●
Focus System	Coaxial Coarse and Fine Focusing with Rack and Pinion Mechanism; Fine Focusing Scale Value 0.002mm.		●	●
Nosepiece	Quintuple Nosepiece with centering adjustable		●	●
Filter	Green Inserting Type Filting		●	●
	Blue Inserting Type Filting		●	●
	Neutral Inserting Type Filting		●	●
Stage	Rotary Stage,Stage Size: Φ172mm,Moving Range:360°		●	●
Testing Piece	Gypsum 1 λTesting Piece		●	●
	Mica1/4 λ		●	●
	Quartz Wedge Testing Piece		●	●
Illumination	High brightness Fixed Illumination		●	●
Light Source	Upper:Halogen Bulb 12V/30W,AC 85V-230V ,Adjustble Brightness		●	●
	Down:Halogen Bulb 12V/30W,AC 85V-230V ,Adjustble Brightness		●	●
Checking Tool	0.01mm Micrometer		●	●



A15.1102

Polarizing Microscope

A15.1102 Polarizing Microscope Specification

Head	Compensation Free Trinocular,30°inclined,50mm-75mm
Eyepiece	10X Gridding Eyepiece
	10X Eyepiece with Reticule
	WF10X/22mm
Infinity Plan Objective	i4X
	10X
	20X
	40X(S)
	63X(S)
	100(S)oil
Focus System	Coaxial Coarse and Fine Focusing with Rack and Pinion Mechanism; Fine Focusing Scale Value 0.002mm..
Condenser	Swing Type NA1.25 Abbe Condenser with Iris Diaphragm&Filter
Stage	Round Revolving Stage, Stage Size: Φ160mm, Moving Range: 360°
Collector	High Brightness Light Collector
Light Source	Halogen Bulb 6V/30W,AC 85V-230V,Adjustble Brightness



A15.0101

Polarizing Microscope

Polarizing Microscope is another type of compound microscope. which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the

light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.1301

Polarizing Microscope

Polarizing Microscope is another type of compound microscope. which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.1013

Polarizing Microscope

Polarizing Microscope is another type of compound microscope. which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.1101

Polarizing Microscope

Polarizing Microscope is another type of compound microscope. which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.0205

Polarizing Microscope, Transmit Light

Polarizing Microscope is another type of compound microscope, which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.0203

Polarizing Microscope, Transmit & Reflect Light

Polarizing Microscope is another type of compound microscope, which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.0202

Polarizing Microscope, Transmit Light

Polarizing Microscope is another type of compound microscope, which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.1122

Polarizing Microscope

Polarizing Microscope is another type of compound microscope, which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.1016

Polarizing Microscope

Polarizing Microscope is another type of compound microscope, which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.1014

Polarizing Microscope

Polarizing Microscope is another type of compound microscope, which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.



A15.0201

Polarizing Microscope, Transmit Light

Polarizing Microscope is another type of compound microscope, which can enhance the contrast and image quality on specimen where other techniques such as phase contrast or darkfield are not as effective. Two polarizing filters are used called the 'polarizer' and 'analyzer' filters. The polarizer is placed in the path of the light source, and the analyzer in the optical pathway. Polarizing compound microscopes are used to examine chemicals in the pharmaceutical industry and petrologists and geologists use polarizing microscopes to examine minerals and thin slices of rocks.

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