F-1501 Wanda Plaza, No.18 Shijingshan Road, Beijing 100043, China Tel: +8610 88696020, E-mail: sale@optoedu.com

# MAXCOPE M12.5820, M16.5820

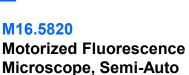
Biological/Fluorescent Motorized Microscope





A12.1091 Laboratory Microscope, Manual







M12.5820

Motorized Laboratory Microscope, Semi-Auto

Intelligent revolutionary products, Operating comfort ergonomics design, Fast and efficient imaging for laboratory and clinical operation, Microscope applications has brought a revolutionary breakthrough.

### M12.5820, M16.5820 Motorized Microscope





Motorized & Coded Nosepiece Controlled by software, easily switch objectives from computer, or switch the objectives manually



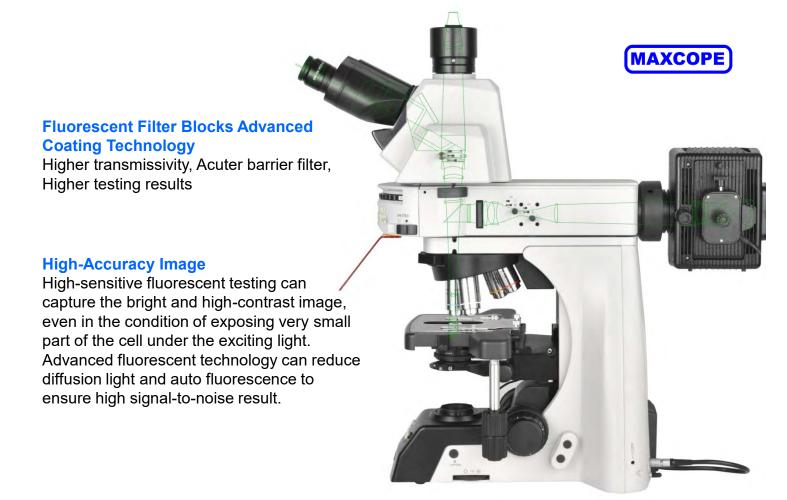


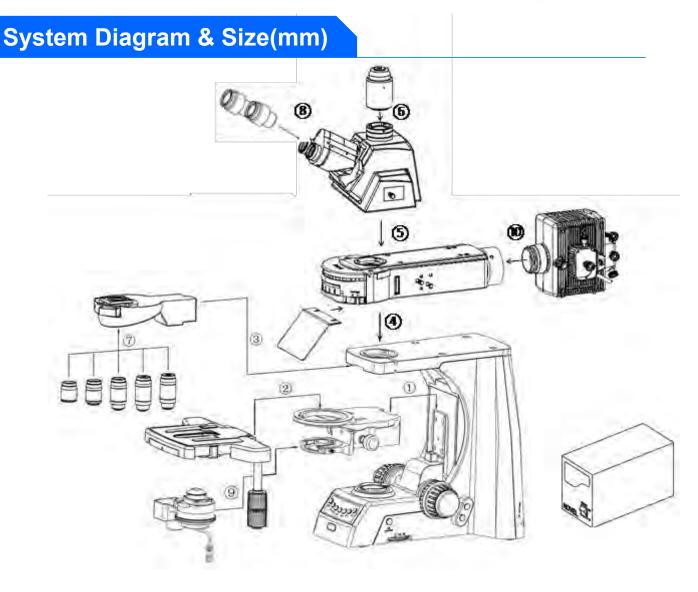
Ergo Tilting Trinocular Head Optional
Eye tube can be adjustable from 0° to 35°.
Trinocular tube can be connected to SLR
camera and digital camera, having a 3-position
beam splitter (0:100, 100:0, 80:20), the splitter
bar can be assembled on the either side
according to user's requirement.



#### **Excellent Fluorescent Viewing**

All the fluorescent filter blocks use the highperformance filter lens. The reflected light source body can assemble 6 filter blocks, that allows operators to view different stained specimens at the same time.







#### **N-PLN Series Plan Objectives**

These plan objectives can provide flat image through the light from visible light to NIRS. They are usually used for bright-field viewing as the high signal-to-noise, high resolution and high contrast image result

#### **N-PLFN Series Plan Fluorescent Objectives**

Owe to the multilayer coating technology, these S-APO objective can compensate the spherical aberration and the chromatic aberration from ultraviolet to infrared light. High-sensitive fluorescence ensure the acuity, articulation and color reduction of image, to provide the digital image of high-quality and high-function.



#### **N-PLM Series Plan PH Objectives**

They are the good choice for clinic and scientific research. These high-quality plan objective can provide advanced plan image of 25mm FOV under bright field & transmitted light.

NIS60 series plan phase contrast objectives are specially designed for phase contrast viewing.



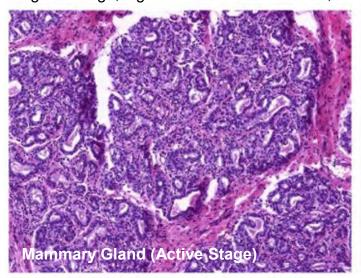
#### **N-PLPN Series APO Plan Objectives**

The newly-launched advanced **Apochromatic** objective lens has a high level of chromatic aberration correction capability, high resolution, and ensures a high level of wave phase aberration correction function in the full field of view. It is an ideal choice for routine laboratory observation work and digital imaging objectives.



#### Bright-field Viewing

Brighter image, high resolution and flatness, suitable for all the magnifications

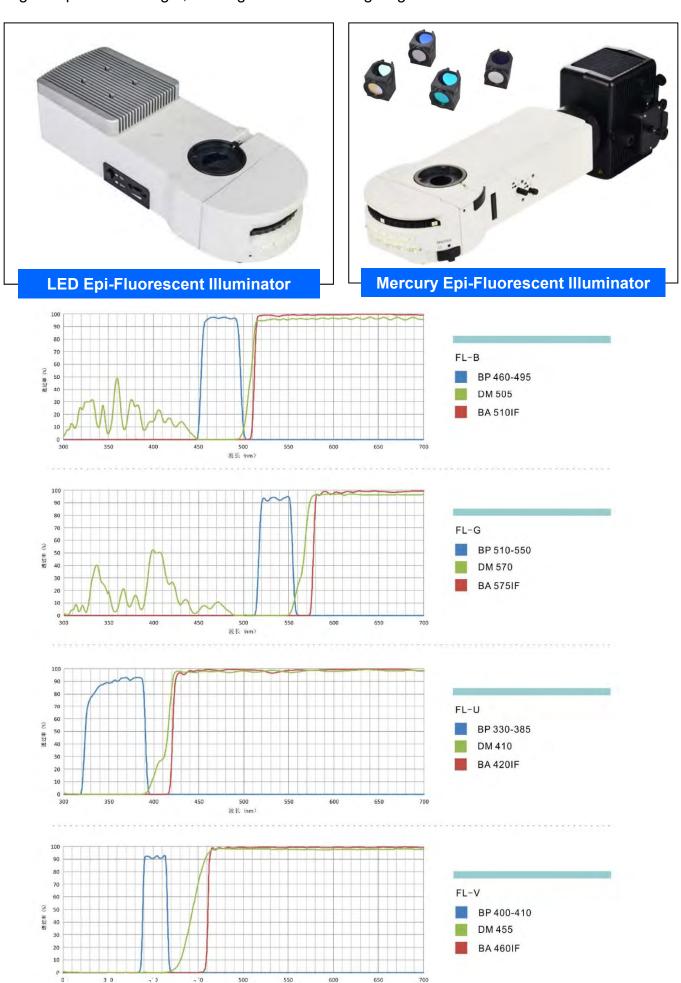




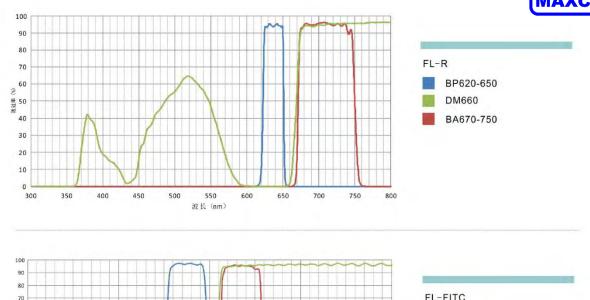


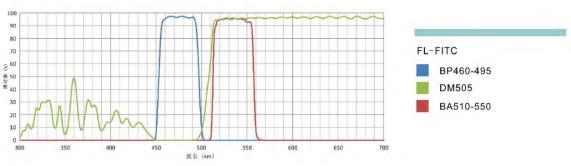
#### **♦** Fluorescent Viewing

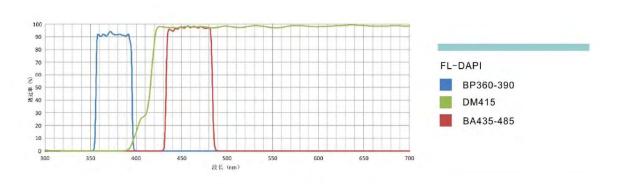
The compact epi-fluorescent components includes noise elimination feature which ensures images captured are bright, with high contrast and high signal-to-noise ratio.

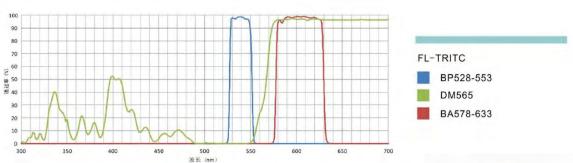


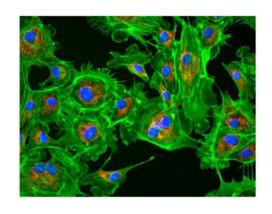










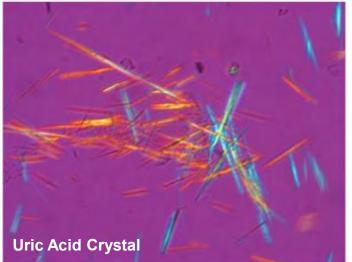




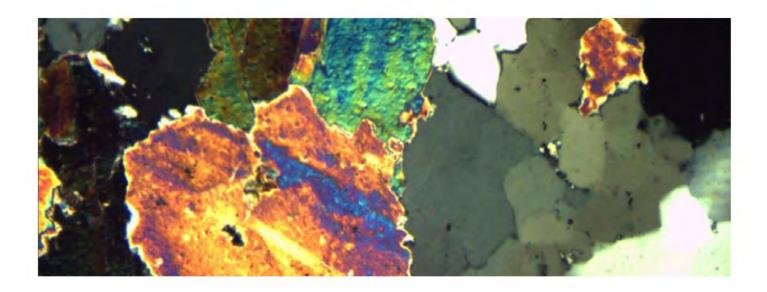


### **♦** Polarizing Viewing

It is quite suitable for viewing collagen, amyloid and crystal etc. double refracting specimen.

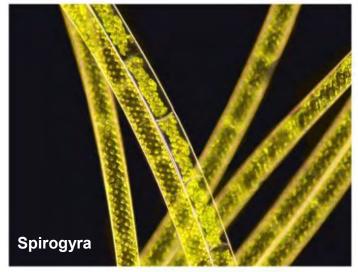






### **◆ Dark-field Viewing**

It can be used for clearly viewing of blood or flagellum etc. fine structure.

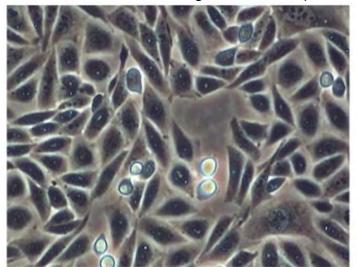






#### ◆ Phase Contrast Viewing

Operators can get high contrast image of neutral background color whatever the magnifications are. It is suitable for viewing non-stained specimen.

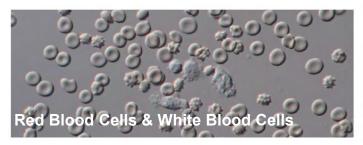




#### ◆ DIC Phase Contrast Viewing

DIC increases the contrast of the sample, and enables the nucleus and larger organelles such as mitochondria to have a strong three-dimensional effect, which is more suitable for micromanipulation. At present, it is mostly used for micromanipulation of gene injection, nuclear transfer, genetically modified animals and other bioengineering









### **Opto-Edu Image View**





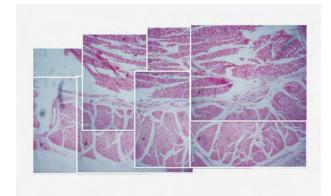
A59.2225

A59.2226

With high speed USB3.0 digital camera and professional image processing software, Opto-Edu microscope can work with computer to get various advanced function done easily. Real Time / Static Measure, 2D Image Scan & Stitching, 3D Depth of Field Fusion, Fluorescent Image Synthesis, Cell Counting and etc.

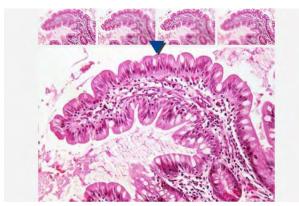
#### ◆ 2D Image Scan & Stitching

By collecting and importing images in real time, the software can quickly stitch together to form a large-size and highresolution image



#### ◆ 3D Depth Of Field Fusion

Users can collect multiple images with different focal lengths by fine-tuning the focal length, and synthesize one image for output. Suitable for specimens that require a certain depth of field or poorly made sections



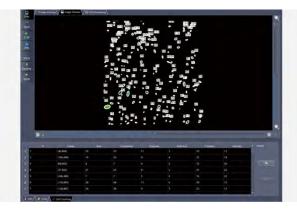
#### ◆ Real Time / Static Measure

In cell observation and section observation, you need to use the measurement function. To determine the cell size, cell gap, synapse length and other data. The software can provide measurement of distance, angle, rectangle, circle, ellipse, etc.



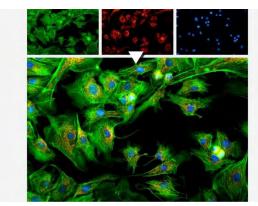
#### **♦ Cell Counting**

Customize cell counting requirements, automatically count and count the shape information of cells, including: size, location, volume, circumference, brightness, etc. And all data including processed images can be saved as excel sheet



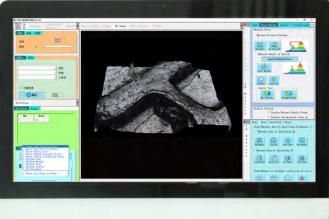
#### ◆ Fluorescent Image Synthesis

By collecting or importing images of different fluorescence channels, users can obtain images after fluorescence synthesis. For the image of each channel, the displacement in the x direction and y direction can be adjusted to achieve the fine-tuning effect



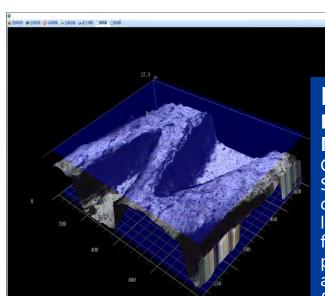








M16.5820



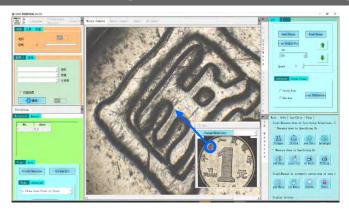
### MAXCOPE M12.5820, M16.5820 Research Level Biological & Fluorescent Motorized Microscope

Cooperate with high-quality semi-apoptotic Semi-APO optical system, and translative lighting device, realize brightfield + darkfield + polarized light + DIC differential interference contrast full-featured observation method, XYZ motorized platform and Maxcope software also provide fully automatic super software It integrates advanced functions such as 2D/3D high-speed imaging, depth-of-field fusion, auto-focus, etc., and will be the most effective assistant in your work!



## Full Auto Microscope Scanning Software

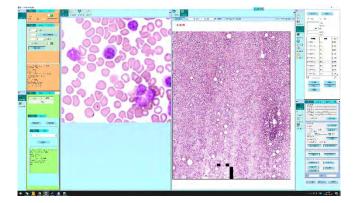
According to surface condition of the sample and the specific requirements of customers, Maxcope has 4 versions and more customized functions provided, which are suitable for the complex automatic microscopic scanning splicing work of the motorized microscope in medical, teaching, industrial, wafer processing and other fields.



### A30.5801-2D

2D Version, Maxcope Series Standard Software

- --Plane PXP Scan, Plane Fly Scan
- --For XY Stage Model + 2C Computer
- --For Plane Smooth Surface Or Low Magnification Samples, No Autofocus Needed
- --Single Focal Plane Scan, XY Stage Direct Scan And Stitch 2D Image



### A30.5801-2DF

2DF Version, Maxcope Series Optional Software

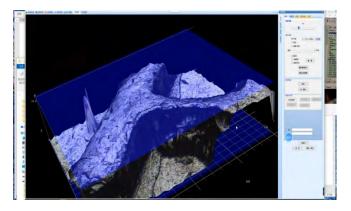
- --Including All 2DB Function, Add:
- --Up/Down Fast, Middle, Fine, Fusion Scan
- --For XYZ Stage Model +3C Computer
- --For Plane/Bevel/Uneven Surface
- --Auto Focus On Multi-focal Planes, Scan And Stitch 2D Image



### A30.5801-2DB

2DB Version, Maxcope Series Optional Software

- --Including All 2D Function, Add:
- --Bevel PXP Scan, Bevel Fly Scan
- --For XYZ Stage Model +2C Computer
- --For Bevel Smooth Surface Or High Magnification Observation Of Thick Samples
- --Auto Acquisition Height Of Multi-focal Planes, After Modeling, Scan And Stitch 2D Image



### A30.5801-3D

3D Version, Maxcope Series Optional Software

- --Including All 2DF Function, Add:
- --3D Scan, 3D Measure
- --For XYZ Stage Model +3C Computer
- --For Plane/Bevel/Uneven Surface
- --Auto Focus On Multi-focal Planes, 3D Scanning And Stitching After Depth Fusion

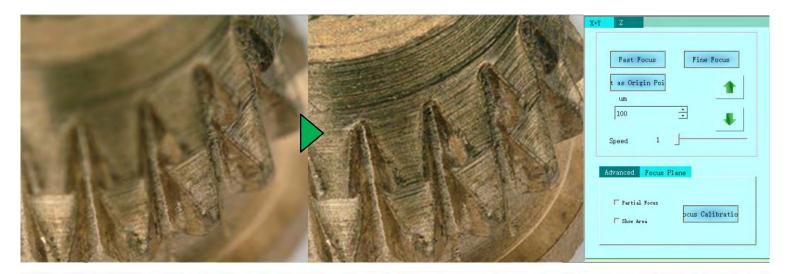
## **More Depth Customization Functions**

HDR Observation Function, DIC Detection Analysis, Professional Metallographic Analysis, Grain Size Analysis, Cleanliness Analysis, Hardness Tester Analysis and other customized solutions for various industries, which can be deeply customized according to the specific needs of different customers to fully meet the complex work needs





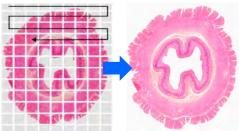
The XY direction movement of the electric platform is controlled by the software. There are various control methods. You can directly drag the window to move the platform manually, or you can double-click any point of the image, to move stage to interesting point quickly.





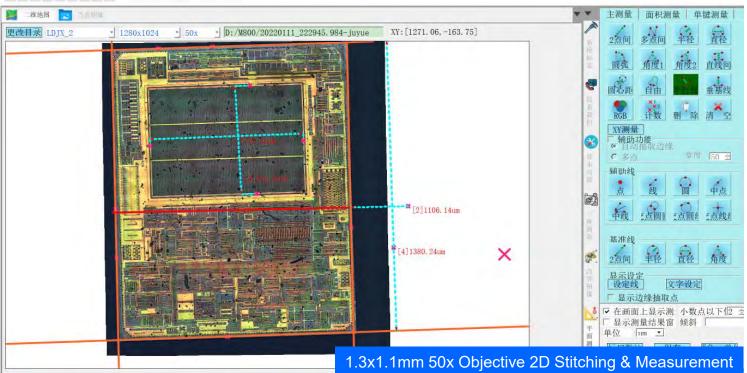
The software controls the Z-axis electric lift, to accomplish professional functions such as manual focus/auto focus/super depth of field fusion. One-button autofocus, focusing speed accuracy can be selected.





## 2D Stitching

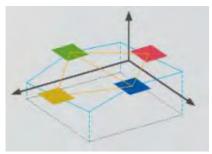
Supports auto scanning and stitching of 2D images of any tilt plane or concave and convex surface. 2 Standard 2D Stitching Modes, 7 Advanced 2D Stitching Modes can scan & stitch at different scanning accuracy and speed as your need.



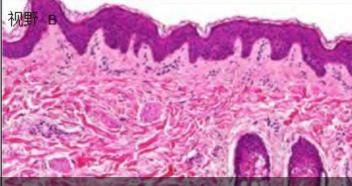






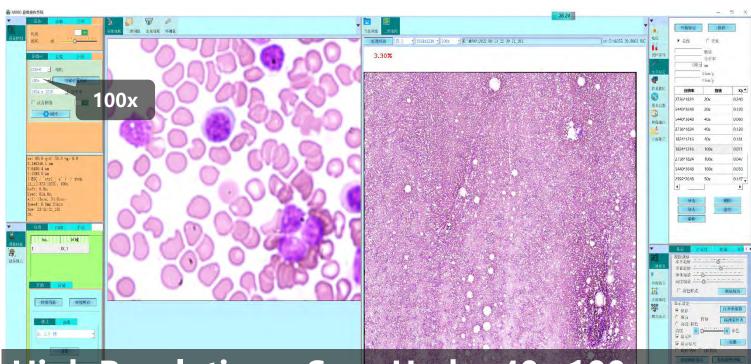






## High Speed - Fly Scan Mode

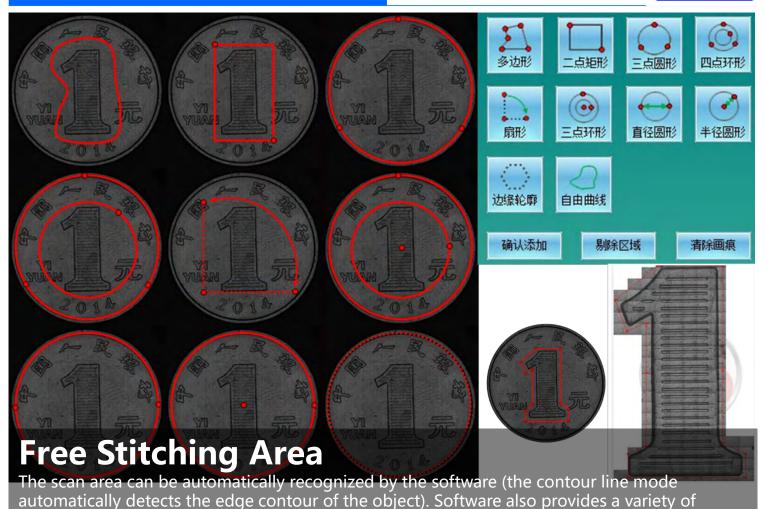
After setting the scanning range of bevel or uneven surface, the software will automatically select 9 acquisition points, automatically focus and record the height respectively, and establish a height model. Then fly scan can move Z axis according to height model and take photos quickly and stitch 2D panoramic scan images at high speed.

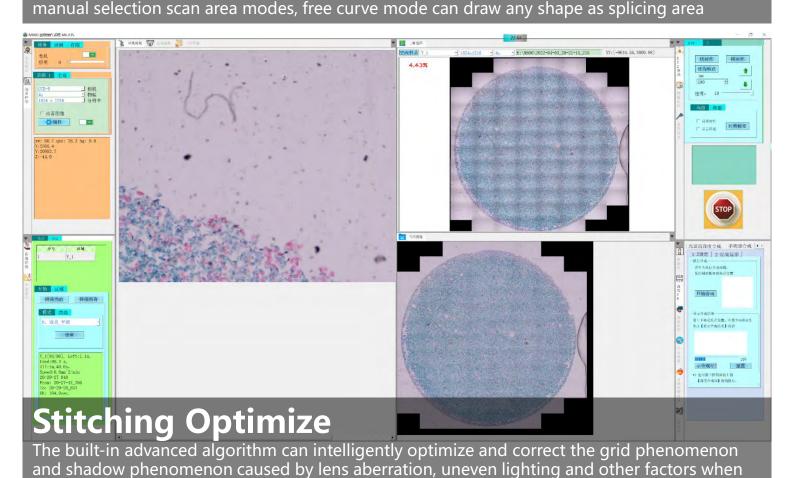


## High Resolution - Scan Under 40x,100x

In addition to the basic XY motorized scanning and stitching, the advanced 2D scanning mode can simultaneously perform continuous scanning along the Z axis until the focus is found or depth of field fusion is made, and then panoramic stitching is performed. Even for industrial samples with uneven surfaces, or biological slices with uneven thickness under high magnification 40x or 100x, high-resolution 2D or 3D scan images with clear focus in all areas can be obtained







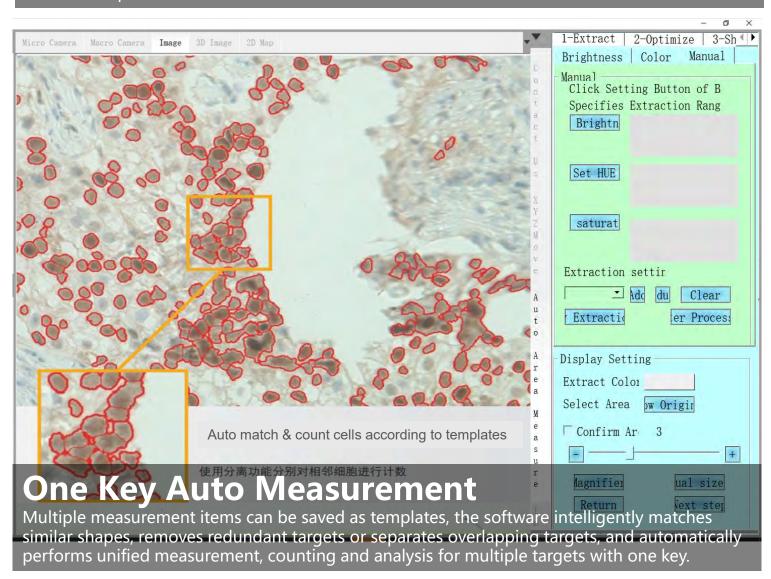
no shadow.

scanning and stitching, so that the stitched image will be one high-definition, no offset, no grid,

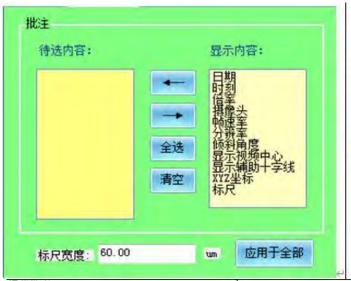


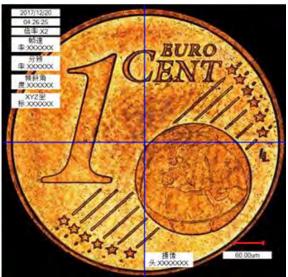


2D plane measurement function, length, angle, radius, diameter, free-form curve length, parallel line distance, point-line distance, 2-point distance, multi-point distance, radius, diameter, arc length, RGB measurement, counting and other 10 kinds of measurements mode, and provides a variety of auxiliary lines, reference line tools, free coordination can achieve various complex measurements









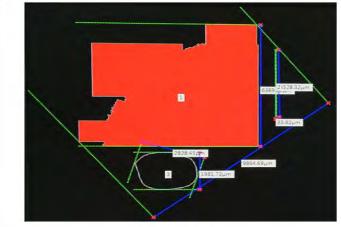






### **And Output Reports** Freely Remark

Remark information can be freely inserted and displayed in the microscope video window and 2D map window. The annotation content, ruler, color, line, etc. can be freely set, and output to the experimental report along with the image

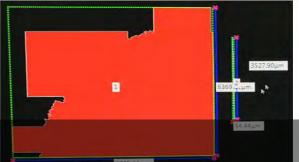




Max/Min Diameter

Circumscribed Rectangle (Minimum Area)



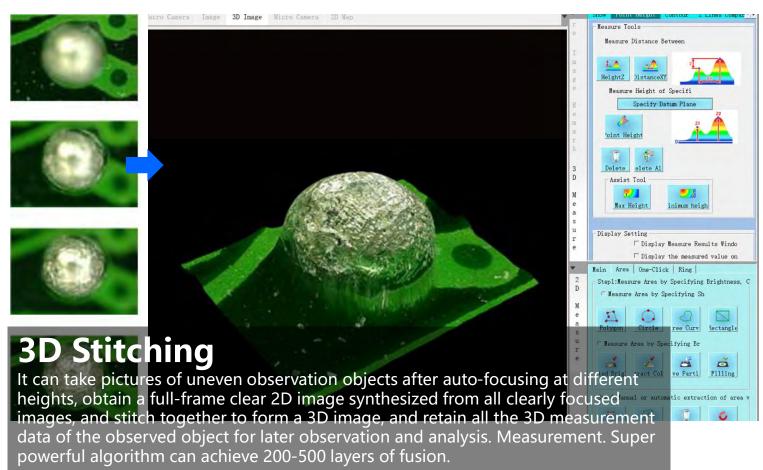


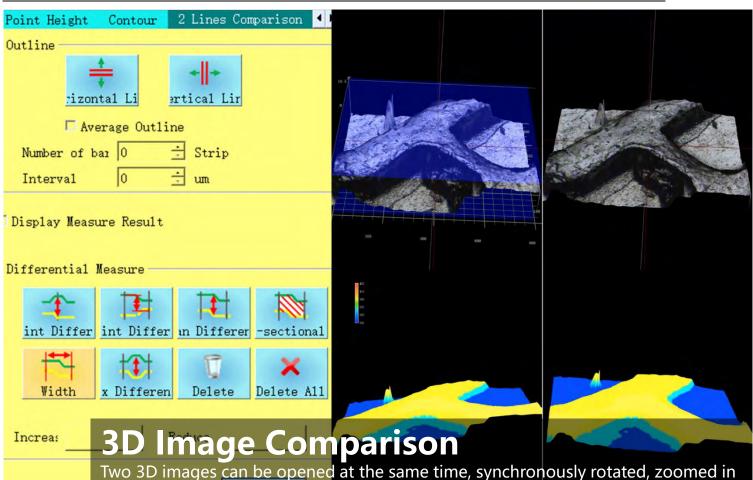
### Max Area Measurement

Just use the mouse to specify the measurement range, the software automatically detects the edge of the object and selects the measurement area, you can add or delete measurement areas at will, and measure the largest area of any complex shape by automatic edge recognition instead of manual precise positioning

Circumscribed Rectangle (Arbitrarily Specified)



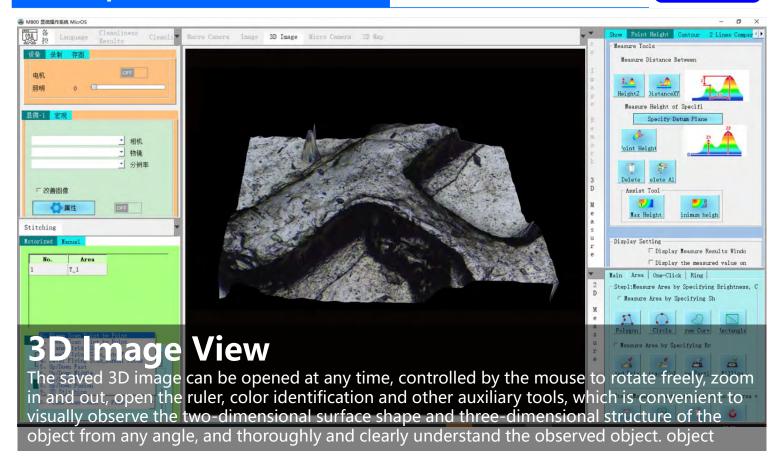


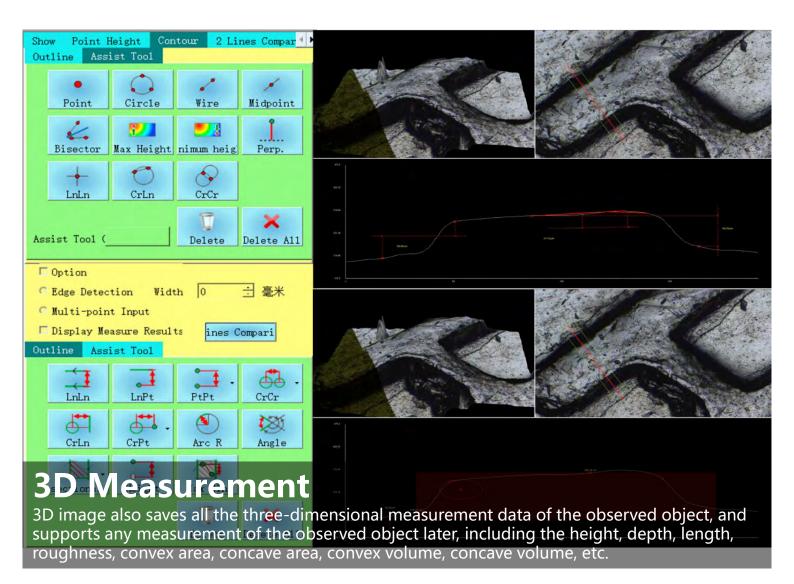


identification

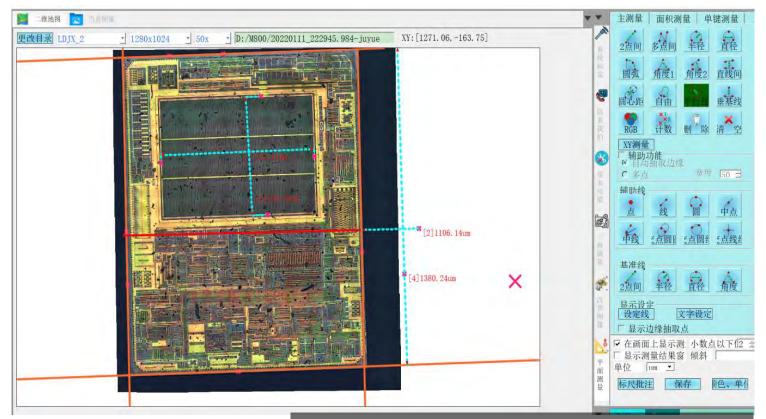
and out, compared and analyzed, and the comparison results such as height difference and shape difference can be automatically displayed through color



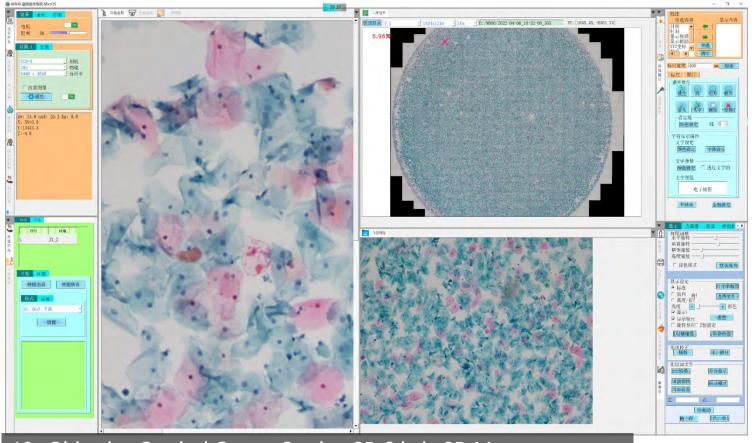






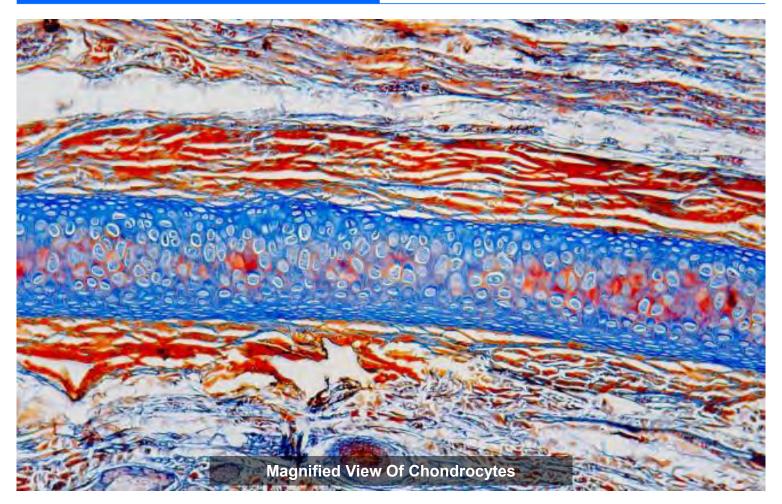


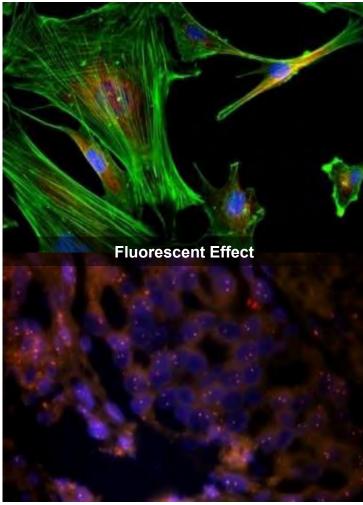
50x Objective Chip 1.3x1.1mm 2D Stitch & Measure

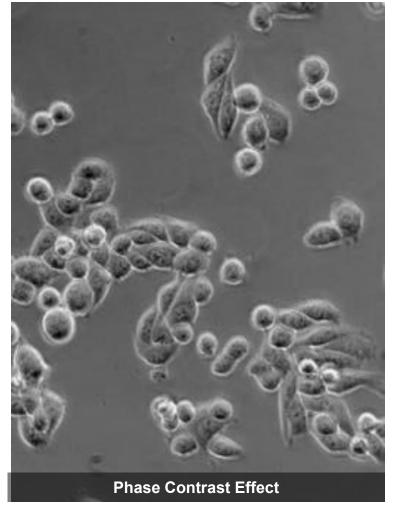


10x Objective Cervical Cancer Section 2D Stitch, 2D Map







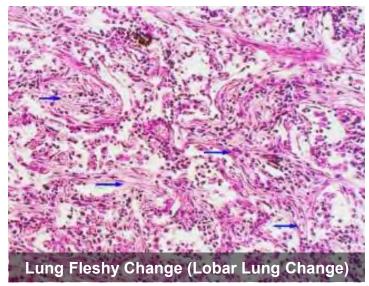






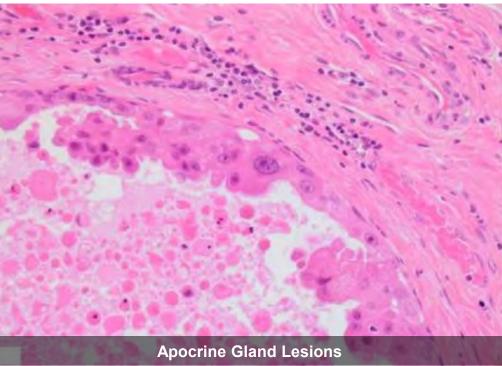
Full Image Quick Focus By Few Frames

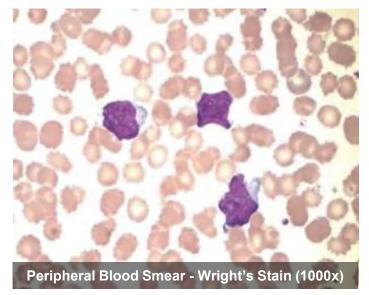
Multiple virtual planes are created according to the height of each registered coordinate when the range is set, and the Z position is slightly adjusted along the shape of the plane to shoot. Full-focus, wide-field images can be quickly captured with a small number of frames.

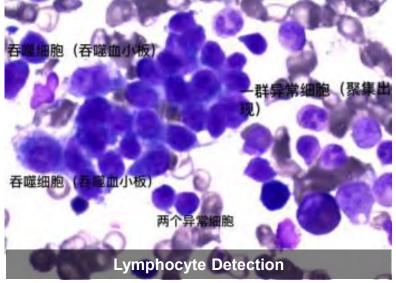


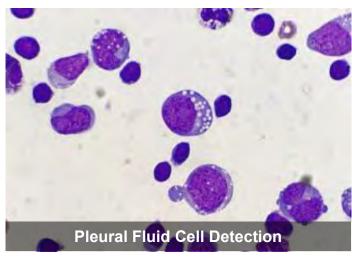


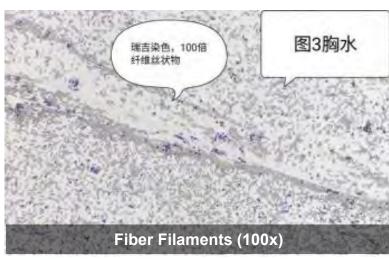


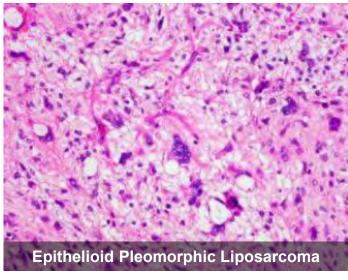


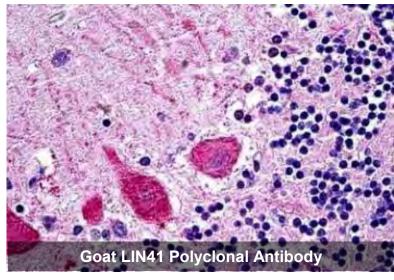


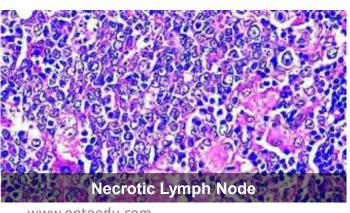


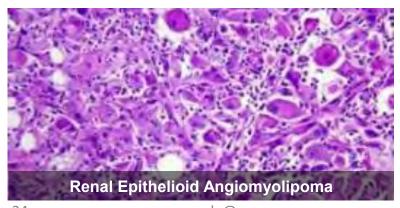




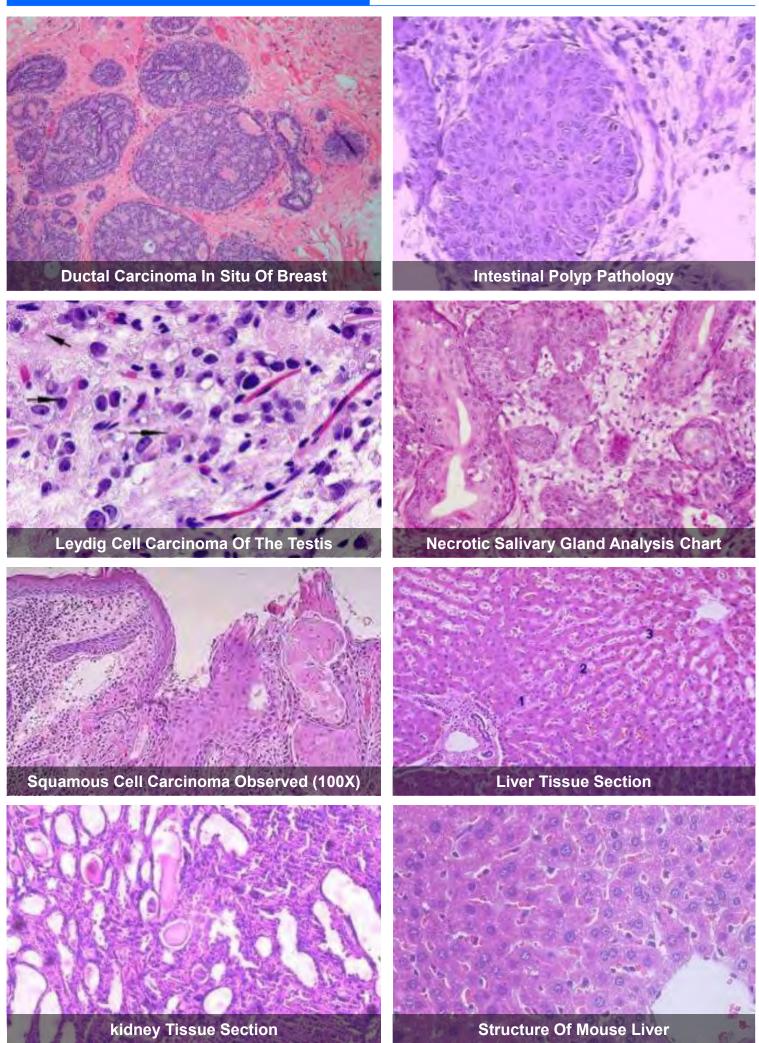








### **Maxcope Sample Pictures**



### M12.5820, M16.5820 Specification



**M12.5820, M16.5820** is newly designed Full Auto Motorized Research Level Scientific Laboratory Microscope, equipped with electric platform, auto focus, electric objective conversion, and powerful imaging software Maxcope; Through the precise connection between the parts, the functions of microscope observation, image acquisition and image processing are realized, and the repetitive operation is reduced. In addition, it can restore the microscope settings and parameter settings of the last operation, and improve the stability and accuracy of microscope imaging. Microscope operation can be so fast and efficient.

so fast and effici				
	rized Research Level Biological Microscope	M12.5820	M16.5820	Cata. No.
	rized Research Level Fluorescent Microscope	WITZ.5820	W 16.582U	Cata. No.
Optical System		•	•	
	Bright Field	•	•	
	Dark Field	0	0	
Observation	Polarizing	0	0	
Method	Phase Contrast	0	0	
	Flourescent	0	•	
	DIC	0	0	
	A12.1091-H Manual Body + Halogen Illumination.	•	•	A54.1090-BH
Main Body	A12.1091-L Manual Body + LED Illumination.	•	•	A54.1090-BL
	Seidentopf Binocular Head, Inclined 30°,			
	Interpupillary Distance 47-78mm	0	0	A53.1090-B
	Seidentopf Trinocular Head, Inclined 30°,			
	Interpupillary Distance 47-78mm,	•	•	A53.1090-T
Head	3 Level Light Split Switch E100:P0/E20:P80/E0:P100			100.1000 1
	Ergo Tilting Trinocular Head, Inclination 0°~35°,			
	Interpupillary Distance 47-78mm,	0	0	A53.1090-TT
	3 Level Light Split Switch E100:P0/E20:P80/E0:P100			7.00.1000-11
	7.0M USB3.0 CMOS Cooling GS Shutter Digital Camera, For			
	Fluorescent Imaging,, 1.1" CMOS, FPS 12@3200x2200,			
Digital Camera	33@1600x1100, Semi-Conductor Cooling Range -42° C,			A59.2225-7MPA
Digital Carriera	Anti-Frog, One Hour Exposure, G Sensitivity Dark Signal			A39.2223-7 WIF A
	2058mv with 1/30s			
	SW10x/25mm, High Eyepoint, Diopter Adjustable, Dia.30mm	••	••	A51.1090-1025
		0	0	A51.1090-1025 A51.1090-1022
Г.,,,,,,;,,,,,,	SW10x/22mm, High Eyepoint, Diopter Adjustable, Dia.30mm			
Eyepiece	EW12.5x/16mm, High Eyepoint	0	0	A51.1090-12516
	WF15x/16mm, High Eyepoint, Diopter Adjustable, Dia.30mm	0	0	A51.1090-1516
	WF20x/12mm, High Eyepoint, Diopter Adjustable, Dia.30mm	0	0	A51.1090-2012
	Manual Nosepiece, Quintuple, Backward, Center Adjustable	0	0	A54.1091-5M
Nananiaaa	Manual Nosepiece, Sextuple, Backward	•	•	A54.1091-6M
Nosepiece	Motorized Coded Nosepiece, Sextuple, Backward	0	0	A54.1091-6C
	With Slot For Polarizing Compensator Slider Or DIC Slider	•	•	A F 4 4004 O
	Protect Cover For Nosepiece Holes	•	•	A54.1091-C
	2x/0.06, W.D.7.5mm, Cover Glass 0.17mm	0	0	A52.1090-2
	4x/0.10, W.D.30mm, Cover Glass 0.17mm	0	0	A52.1090-4
NIS60	10x/0.25, W.D.10.2mm, Cover Glass 0.17mm	0	0	A52.1090-10
N-PLN	20x/0.40, W.D.12mm, Cover Glass 0.17mm	0	0	A52.1090-20
Infinity Plan	40x/0.65, W.D.0.7mm, Cover Glass 0.17mm	0	0	A52.1090-40
Objective	50x/0.95(Oil, W.D.0.19mm, Cover Glass 0.17mm	0	0	A52.1090-50
	60x/0.8, W.D.0.3mm, Cover Glass 0.17mm	0	0	A52.1090-60
	100x/1.25(Oil), W.D.0.2mm, Cover Glass 0.17mm	0	0	A52.1090-100
NIS60 APO	20x/0.75, W.D.1.1mm, Cover Glass 0.17mm	0	0	A52.1091-20
Infinity Plan	100x/1.45(Oil), W.D.0.13mm, Cover Glass 0.17mm	0	0	A52.1091-100
N-PLFN	PlanF S-APO 4x/0.13, W.D.16.5mm, Cover Glass 0.17mm	•	•	A5F.1091-4
Infinity Plan	PlanF S-APO 10x/0.30, W.D.8.1mm, Cover Glass 0.17mm	•	•	A5F.1091-10
Semi-APO	PlanF S-APO 20x/0.50, W.D.2.1mm, Cover Glass 0.17mm	•	•	A5F.1091-20
Fluorescent	PlanF S-APO 40x/0.75, W.D.0.7mm, Cover Glass 0.17mm	•	•	A5F.1091-40
Objective	PlanF S-APO 100x/1.30(Oil), W.D.0.15mm, Cover Glass			A5F.1091-100
	0.17mm			AJF. 108 1-100
Condenser	Swing-Out Condenser NA0.9/0.25	•	•	A56.1091-S
	Motorized & Manual Coaxial Coarse & Fine Focusing, Fine			
Focusing	Division 0.001mm, Focusing Range 35mm, Coarse Stroke	•	•	
	37.7mm, Fine Stroke 0.1mm			

## M12.5820, M16.5820 Specification





MAXCOPE

Transmit Light   Filter Yellow   Filter Yellow   Filter ND6   A56.1092-Y					
Transmit Kohler Illumination, Brightness Adjustable, 12V100W Holgoen, External Lamp House For A12, 1091-H, A12, 1093-H Transmit Kohler Illumination, Brightness Adjustable, 3W S-LED, Bull-tin Main Body For A12, 1091-L, A12, 1093-H Transmit Kohler Illumination, Brightness Adjustable, 3W S-LED, Bull-tin Main Body For A12, 1091-L, A12, 1093-L SCO Function Support Auto Power Off After 30 Mins From Operator Leave To Save Energy Filter Holder On Base, Can Hold 3 Filters			M12.5820	M16.5820	Cata. No.
12V100W Halogen, External Lamp House	M16.5820 MC				
For A12,1091-H, A12,1093-H   Transmit Kohler illumination, Brightness Adjustable, 3W S-LED, Built-in Main Body   A56,1090-3WLEE   A56,1090-3WLEE   A56,1090-4CO   Operator Leave To Save Energy   A56,1090-4CO   A56,1090-4CO   Operator Leave To Save Energy   A56,1090-4CO   A56,1090-4CO   Operator Leave To Save Energy   A56,1090-4CO   A					A56.1090-
Light Source			•	•	
ASS.					
SW 542_D, Bulletin and Body   For A12_10914_, A12_10934_   ECO Function Support Auto Power Off After 30 Mins From Operator Leaver to Save Energy   A56.1090_ECO Operator Leaver to Save Energy   A56.1092_EDO   A56.1092_EDD   A56.10	Light Source				
ECO Function Support Auto Power Off After 30 Mins From Operator Leaver to Save Energy	Ligiti Godioo		0	0	A56.1090-3WLED
Digital Leave To Save Energy   Filter Holder On Base, Can Hold 3 Filters   A56, 1092-L BP		·			
Digitator Leave To Save Energy   Filter Foldor On Base, Can Hold 3 Filters		ECO Function Support Auto Power Off After 30 Mins From	_		456 1000 ECO
Filter LBD		Operator Leave To Save Energy	•		A30.1090-LCO
Filter For   Filter Green		Filter Holder On Base, Can Hold 3 Filters	•	•	A56.1092-H
Transmit Light Filter Vellow   Filter ND6   Filter ND6   Filter ND6   Filter ND6   Filter ND25   Sepeice Adapter Dia.23.2mm   A56.1092-ND25   Sepeice Adapter Dia.23.2mm   A55.1090-E A56.1092-ND25   Sepeice Adapter Dia.23.2mm   A55.1090-E A55.1090-E A55.1090-E A55.1090-E A55.1090-E A55.1090-E A55.1090-E A55.1090-L0x		Filter LBD	•	•	A56.1092-LBD
Filter ND6	Filter For	Filter Green	•	•	A56.1092-G
Filter ND6	Transmit Ligh	t Filter Yellow	•	•	
Filter ND25			•	•	
Eyepiece Adapter Dia.23.2mm			•	•	
Adapter   C-Mount 1.0x   C-Mount 0.5x   A55. 1090-0.5x   A55. 1090-			0	0	
C-Mount 0.5x   MOMIS Basic Image Processiing Software	Adanter				
NoMIS Basic Image Processiing Software	Adaptol				
Dark Field Condenser, N.A. 0.7~0.9, Dry	Coffwara				
Dark Field Condenser, N.A. 1.25-1.36, Immersion   Dark Field Objective, Infinity Plan 100X,   A5D.1090-1	Sulware				
Dark Field   Dark Field Objective, Infinity Plan 100X, For Immersion Dark Field Observation   A5D.1030-4					
Dark Field   For Immersion Dark Field Observation   Dark Field Objective, Infinity Plan 100X, With Iris Diaphragm, For Immersion Dark Field Observation   A5D.1030-4			O	0	A5D.1090-I
For Immersion Dark Field Observation	Dark Field		0	0	A5D.1030-3
For Immersion Dark Field Observation					
Polarizing			0	0	A5D.1030-4
Polarizing					
Compensator   Upgrade To A15.1091 Professional Polarizing Microscope   A15.1091			0	0	A5P.1091-BP
Upgrade To_A15.1091 Professional Polarizing Microscope	Polarizing		0	0	A5P.1091-BA
Turret Phase Contrast Condenser, Center Adjustable		· ·			
Centering Telescope 10x			0	0	
Infinity Plan Phase Contrast Objective N-PLN PH 10x/0.25			0	0	
Infinity Plan Phase Contrast Objective N-PLN PH 20x/0.40			0	0	A5C.1092
Infinity Plan Phase Contrast Objective N-PLN PH 40x/0.65   A5C.1091-40   Infinity Plan Phase Contrast Objective N-PLN PH 100x/1.25(Oil)	Phase	Infinity Plan Phase Contrast Objective N-PLN PH 10x/0.25	0	0	A5C.1091-10
Infinity Plan Phase Contrast Objective N-PLN PH 100x/1.25(Oil)	Contrast	Infinity Plan Phase Contrast Objective N-PLN PH 20x/0.40	0	0	A5C.1091-20
Polarizer For Transmit Light Source   A5P.1090-TP		Infinity Plan Phase Contrast Objective N-PLN PH 40x/0.65	0	0	A5C.1091-40
Turret DIC Condenser		Infinity Plan Phase Contrast Objective N-PLN PH 100x/1.25(Oil)	0	0	A5C.1091-100
Turret DIC Condenser		Polarizer For Transmit Light Source	0	0	A5P.1090-TP
DIC Slide 10x, Used With Semi-APO Fluorescent Objective   A5C.1095-10		Turret DIC Condenser	0	0	A5C.1095
DIC   DIC Slide 20x/40x, Used With Semi-APO Fluorescent Objective   DIC Slide 100x, Used With Semi-APO Fluorescent Objective   A5C.1095-2040     DIC Slide With Analyzer 10x-20x   A5C.1095-1020P     DIC Slide With Analyzer 40x-100x   A5C.1095-40100F     Reflect Mercury Epi-Fluorescent Illuminator, Turret Disc With 6     Positions For Fluorescent Filter Block, With Protect Barrier     Power Supply Box 220V/110V Interchangeable, Digital Display   A5F.1090-100WF     100W Mercury Lamp Housing   A5F.1090-100WF     Fluorescent Filter B,G,U,V   A5F.1090-B,G,U,V     Working Stage Holder Bracket   A54.1096     Adapter To Adjust Eye Position   A54.1096-A1     Adapter To Lower The Stage Position 1"   A54.1096-A2     Immersion Oil   Allen Wrench   A50.1090-01     Allen Wrench   A50.1090-02     Short Eye Cover, For Eyepiece   A50.1090-05     Eyepiece Micrometer, Cross   A50.1090-06     Adapter Ring To Install Eyepiece Micrometer   A50.1090-07     USB Cable   A50.1090-08     USB Cable   A50.1090-08     A50.1090-08   A50.1090-08     A50.1090-09   A50.109		DIC Slide 10x, Used With Semi-APO Fluorescent Objective	0	0	A5C.1095-10
DIC Slide 100x, Used With Semi-APO Fluorescent Objective   DIC Slide With Analyzer 10x-20x   O	DIC		0	0	
DIC Slide With Analyzer 10x-20x			0	0	
DIC Slide With Analyzer 40x-100x			0	0	
Reflect Mercury Epi-Fluorescent Illuminator, Turret Disc With 6 Positions For Fluorescent Filter Block, With Protect Barrier  Power Supply Box 220V/110V Interchangeable, Digital Display 100W Mercury Lamp Housing Fluorescent Filter B,G,U,V  Working Stage Holder Bracket Adapter To Adjust Eye Position Adapter To Lower The Stage Position 1" Adapter To Lower The Stage Position 1" Adapter To Lower The Stage Position 1" Allen Wrench Power Cord Short Eye Cover, For Eyepiece Long Eye Cover, For Eyepiece Eyepiece Micrometer, Cross Adapter Ring To Install Eyepiece Micrometer USB Cable  A5F.1090  A5F.1090  A5F.1090-100WF  A5G.1090-100WF  A5G.1090-100WF  A5G.1090-100WF  A5G.1090-100WF  A5G.1090-100WF  ASG.1090-100WF  ASG.		•			
Positions For Fluorescent Filter Block, With Protect Barrier   Power Supply Box 220V/110V Interchangeable, Digital Display   A5F.1090-100WF					
Power Supply Box 220V/110V Interchangeable, Digital Display   A5F.1090-100WH 100W Mercury Lamp Housing   A5F.1090-100WF Fluorescent Filter B,G,U,V   A5F.1090-B,G,U,V   A5F.1090-B,G,U,V   A5F.1090-B,G,U,V   A5F.1096-B,G,U,V   A5F.1096-B,G,U			0	•	A5F.1090
100W Mercury Lamp Housing	Fluorescent				A5E 1000_100\/\
Fluorescent Filter B,G,U,V  Working Stage Holder Bracket  Adapter To Adjust Eye Position  Adapter To Lower The Stage Position 1"  Other  Accessories  Accessories  Accessories  Fluorescent Filter B,G,U,V  Working Stage Holder Bracket  Adapter To Adjust Eye Position  A54.1096-A1  A54.1096-A2  Immersion Oil  Allen Wrench  Power Cord  A50.1090-02  A50.1090-03  Short Eye Cover, For Eyepiece  Long Eye Cover, For Eyepiece  Long Eye Cover, For Eyepiece  Eyepiece Micrometer, Cross  Adapter Ring To Install Eyepiece Micrometer  USB Cable  A55.1090-B,G,U,Y  A54.1096  A54.1096-A1  A54.1096-A2  A50.1090-01  A50.1090-02  A50.1090-05  Eyepiece Micrometer  A50.1090-06  A50.1090-08	i idolescent				
Working Stage Holder Bracket         ●         A54.1096           Adapter To Adjust Eye Position         ○         A54.1096-A1           Adapter To Lower The Stage Position 1"         ○         A54.1096-A2           Immersion Oil         ●         A50.1090-01           Allen Wrench         ●         A50.1090-02           Power Cord         ●         A50.1090-03           Short Eye Cover, For Eyepiece         ○         A50.1090-04           Long Eye Cover, For Eyepiece         ○         A50.1090-05           Eyepiece Micrometer, Cross         ○         A50.1090-06           Adapter Ring To Install Eyepiece Micrometer         ○         A50.1090-07           USB Cable         ○         A50.1090-08					
Adapter To Adjust Eye Position Adapter To Lower The Stage Position 1" Adapter To Lower The Stage Position 1" Afst.1096-A1 Adapter To Lower The Stage Position 1" Afst.1096-A2 Immersion Oil Allen Wrench Power Cord Short Eye Cover, For Eyepiece Long Eye Cover, For Eyepiece Long Eye Cover, For Eyepiece Eyepiece Micrometer, Cross Adapter Ring To Install Eyepiece Micrometer USB Cable  Afst.1096-A1 Afst.1096-A2 Afst.1090-01 Afst.1090-02 Afst.1090-03 Afst.1090-03 Afst.1090-05 Afst.1090-06 Afst.1090-07 Afst.1090-07 Afst.1090-08	Other Accessories				
Adapter To Lower The Stage Position 1"  Other Allen Wrench  Power Cord  Short Eye Cover, For Eyepiece  Long Eye Cover, For Eyepiece  Eyepiece Micrometer, Cross  Adapter Ring To Install Eyepiece Micrometer  USB Cable  A54.1096-A2  A50.1090-01  A50.1090-02  A50.1090-03  A50.1090-05  A50.1090-07  A50.1090-07  A50.1090-07					
Other Accessories         Allen Wrench         ●         A50.1090-01           Power Cord         ●         A50.1090-03           Short Eye Cover, For Eyepiece         ●         A50.1090-04           Long Eye Cover, For Eyepiece         ●         A50.1090-05           Eyepiece Micrometer, Cross         ●         A50.1090-06           Adapter Ring To Install Eyepiece Micrometer         ●         A50.1090-07           USB Cable         ●         A50.1090-08					
Other Accessories       Allen Wrench       ●       A50.1090-02         Power Cord       ●       A50.1090-03         Short Eye Cover, For Eyepiece       ○       A50.1090-04         Long Eye Cover, For Eyepiece       ○       A50.1090-05         Eyepiece Micrometer, Cross       ○       A50.1090-06         Adapter Ring To Install Eyepiece Micrometer       ○       A50.1090-07         USB Cable       ○       A50.1090-08		· · · · · · · · · · · · · · · · · · ·			
Other Accessories         Power Cord         ●         A50.1090-03           Short Eye Cover, For Eyepiece         ○         A50.1090-04           Long Eye Cover, For Eyepiece         ○         A50.1090-05           Eyepiece Micrometer, Cross         ○         A50.1090-06           Adapter Ring To Install Eyepiece Micrometer         ○         A50.1090-07           USB Cable         ○         A50.1090-08			•		
Accessories Short Eye Cover, For Eyepiece			•		
Long Eye Cover, For Eyepiece A50.1090-04  Long Eye Cover, For Eyepiece A50.1090-05  Eyepiece Micrometer, Cross A50.1090-06  Adapter Ring To Install Eyepiece Micrometer A50.1090-07  USB Cable A50.1090-08			•	0	
Eyepiece Micrometer, Cross  A50.1090-06 Adapter Ring To Install Eyepiece Micrometer  USB Cable  A50.1090-07  A50.1090-08		• • • • • • • • • • • • • • • • • • • •	0	0	
Adapter Ring To Install Eyepiece Micrometer			0	0	
USB Cable		Eyepiece Micrometer, Cross	0	0	A50.1090-06
USB Cable		Adapter Ring To Install Eyepiece Micrometer	0	0	A50.1090-07
			0	0	A50.1090-08
	Note:"●"In Ta	ble Is Standard Outfits,"○" Is Optional Accessories "-" Is Unavailab	ole		



	Motorized Working Stage, Computer & Software		
Motorized Working Stage	XYZ Motorized Working Stage, 2-Phase Stepping Motor, High Precision Module, Aluminum Alloy Material, Surface Anodized, Anti-Corrosion And Scratch-ResistantFor Biological Transmit Light Source, With 6 Slides HolderFor Metallurgical Reflect Light Source, With Metal Plate		
Size	255x210mm	•	
XYZ Moving	85x70x42mm		
Resolution	<0.05um		
Repeatability	≤20um		
	2D, Plane Scan, For XY or XYZ Stage+2C Computer	•	A30.5801-2D
Mayaana	2DB, Add Bevel Scan, For XYZ Stage+2C Computer	0	A30.5801-2DB
Maxcope Software	2DF, Add Up/Down Fusion Scan, For XYZ Stage+3C Computer	0	A30.5801-2DF
Soliwale	3D, Add 3D Scan, For XYZ Stage+3C Computer	0	A30.5801-3D
	Customized Function, Detail See Maxcope Software Version Table	0	A30.5801-CF
Computer	Dell i5 64G 256G+1T, 2G Graphic, 27" 4K, Pre-Installed Maxcope Software. Standard Computer For 2D, 2DB Version Software	•	A30.5801-2C
	Dell Xeon W-2265 12 Core 3.5GHz, 128G+1T NVMe 4T, RTX4000-8G, 27" 4K, Pre-Installed Maxcope Software. Standard Computer For 2DF, 3D Version Software	0	A30.5801-3C

Maxcope Software Version Table			
2D Version			
	(Standard Version, For XY or XYZ Stage + 2C Computer)		
	Control the motorized stage through software, support one-click set/return to origin point, three ways control methods:		
XY Motorized	<ul> <li>Click the 8-direction arrow with the mouse to manually control the stage movement, and the step distance and move speed can be freely adjusted</li> </ul>		
Control	<ul> <li>Long press the mouse and drag in the camera preview window, to move the working stage to the corresponding direction</li> </ul>		
	Double-click the mouse at any point in the preview window, the point will be set as center of the window, the stage will move accordingly		
2D Plane Scan	2 kinds plane scan modes, no need auto or manual focus during stitching, for plane smooth surface or low magnification view, XY stage will direct scan single focal plane and stitch the 2D image  • Plane PXP Scan, point by point, high precision, slow speed  • Plane Fly Scan, line by line, low precision, high speed		
	Supports automatic scanning and stitching of 2D images at any magnification, with optional scanning accuracy and speed.		
Free Stitching	Provides 6 stitching area modes, which can quickly set stitching areas of any shape: Polygon, 2-point rectangle, 3-point circle, 4-point ring, outline, free curve.		
Area	<ul> <li>Outline mode can automatically detect the edge contour of the object as the stitching area.</li> <li>Free curve mode can freely draw any shape as the stitching area.</li> </ul>		
2D Stitching Optimize	The built-in advanced algorithm can intelligently optimize and correct the grid phenomenon and shadow phenomenon caused by lens aberration, uneven lighting and other factors when scanning and stitching, so that the stitched image will be one high-definition, no offset, no grid, no shadow.		
Calibration	It can do the necessary calibration before measurement, for different camera & objective lenses, user can add, delete, and manage the calibration list at any time		
2D Measurement	2D plane measurement 10+ functions, including length, angle, radius, diameter, free curve length, parallel line distance, point-line distance, 2-point distance, multi-point distance, radius, diameter, arc length, RGB measurement, counting, etc. and a variety of auxiliary lines and reference line tools are provided. Combined with these tools, various complex measurements can be achieved, and various measurable information of planar images can be obtained more efficiently.		
2D Map Guide	After scanning and stitching to generate a panoramic image, it can be used as an electronic 2D map for navigation. Click the 2D map to control the motorized stage to quickly locate the specified position for high-magnification observation, avoiding the confusion of difficult positioning in traditional high-magnification observation.		
Point of Interest	Click the mouse to freely set and save multiple points of interest on the image, you can select and quickly return to the point of interest at any time for repeated focus observation		
Marco Camera	The model with optional macro camera, the panoramic image previewed in real time can be used as an		
Guide	electronic 2D map for navigation function, one click can reach the point of interest for high-power observation		
Motorized	Optional motorized nose wheel models, you can select different objective lenses in the software, and switch the		
Nosepiece	magnification with one click		



	e software versions		
Full Parameter Record	While taking pictures and videos, software can automatically records comprehensive information such as shooting date, objective lens, magnification, stage position, etc., which is convenient for outputting to experimental reports or for reproducing observation results later.		
Extra Long Video Record	The longest 1 hour, the fastest 50PFS video recording, can comprehensively record the experimental detection process, or the long-term change process of the observed object, subtle movements and other information. The video results can be fast-forwarded or played frame by frame, and still images can be extracted and saved.		
Customized Report	Freely set Word and Excel report templates, including images and comprehensive shooting parameters, which is convenient for quickly outputting a complete inspection report in the later stage		
Free Interface	The software interface and each submenu can be freely settled by dragging and dropping with the mouse, and can be saved, exported, and imported into the customized interface layout, and the default simple interface can also be restored easily by hot key Ctrl + G.		
Multi Language	The software supports Simplify Chinese, Traditional Chinese, English, Russian, Korean, Japanese, Iranian, Dutch, French, German, Italian, and other language versions can be customrized.		
	2DB Version (2D + Below Functions, For XYZ Stage + 2C Computer)		
Z Motorized Control	The software controls the Z-axis motorized lift, support professional functions such as manual focus/auto focus/super depth of field fusion  • Click the up and down arrows with the mouse to manually control the Z-axis lift and focus  • One-click autofocus, focusing speed & accuracy can be selected		
2D Bevel Scan	3 kinds Bevel Scan modes, can auto acquisition height of multi-focal planes, after modeling, scan and stitch 2d image, especially suitable for bevel smooth surface,		
Auto Focus	One click autofocus, as quick as 0.3-2 seconds for each focus, focusing accuracy and speed are optional		
	2DF Version		
	(2DB + Below Functions, For XYZ Stage + 3C Computer)		
	4 kinds of auto focus stitching modes up and down, with Z-axis motorized, you can focus on the inclined plane and the concave-convex surface layer by layer along the Z axis to find the correct focal plane, or after the depth of field fusion of multi-layer images, then scan and stitch into a clear full frame 2D images, especially suitable for complex industrial inspection, special slice observation and other fields  • Up/Down Scan, Fast  • Up/Down Scan, Middle  • Up/Down Scan, Fine  • Up/Down Scan, Fusion		
Depth Fusion	The innovative design of high-quality depth synthesis can easily do 200~500 layers of super depth of field superposition and fusion in a short period of time. The software makes intelligent judgment on abnormal high and low points, scans with full coverage, and obtains full-frame clear focus pictures		
Auto Edge Selection	When the measurement point manually selected by the mouse is deviated on the screen, the software can automatically detect the edge of the target and automatically correct the measurement point to the edge to eliminate human error and improve the efficiency of measurement range selection		
3D Version (2DF + Below Functions, For XYZ Stage + 3C Computer)			
	3D stitching mode, which can automatically focus on uneven objects, take pictures at different heights, obtain a full-frame clear 2D image composed of all clearly focused images, and stitch all focused image together to form a 3D image, and retain all the 3D measurement data of the observed object.  • 3D Stitching		
	The saved 3D image can be opened at any time, controlled by the mouse to rotate freely, zoom in and out, open the ruler, color identification and other auxiliary tools, which is convenient to visually observe the 2D surface shape and 3D structure of the object from any angle, and thoroughly and clearly understand the observed object		
3D Measurement	The 3D image also saves all the three-dimensional measurement data of the observed object, and supports any measurement of the observed object later, including the height, depth, length, roughness, convex area, concave area, convex volume, concave volume, etc.		



The 3D image Comparision of the provided of the same time, synchronously rotated, zoomed in and out, compared and analyzed, and the comparison results such as height difference and shape difference can be automalically displayed through color identification.  3D Manual Stitching  Support manual stage models, only need to manually lift the stage, the software automatically scans and takes including the stage of the sta			
Sittching  Multi Files Comparison  Multiple files can be opened at once for cross-section, volume, area, flatness, roughness measurements, and more. Even if there are multiple evaluation samples, analysis can be performed instantaneously under the same conditions. It is possible to see at a glance where and what differences exists, usuch as changes in conditions. It is possible to see at a glance where and what differences exist, such as changes in conditions. It is possible to see at a glance where and what differences exist, such as changes in conditions. It is possible to see at a glance where and what differences exist, such as changes in conditions. It is possible to see at a glance where and what differences exist, such as changes in conditions. It is possible to see at a glance where and what differences exist, such as changes in conditions. It is possible to see at a glance where and what only to provide the provided of the provided produced by devalutions in measurement conditions can also be prevented.  CF Version  Customized Function Modulo For Special Observation  Acquires multiple ultra-clear images using a single wavelength of light and images with different shutter speeds, and turns them into 1 image with high grayscale data. Achieved unprecedented high-definition, high-contrast observation  The automatic turret of the six-hole objective lens, combined with the adjustment of the DIC prism, can make the height difference of the objective lens surface produce obvious relief effect, greatly improve the contrast of the image, and facilitate the user to analyze a differently and accurately, and contrast and user makes analysis and the dentification, DIC can reflect the smallest surface morphology differences as a simultaneously obtained, and the number, concentration, diameter, and area of cells are statistically analyzed. The speed is fast and the identification is accurate.  Using automatic image stitching, the image is analyzed through image enhancement, contrast adjustment, scratch processing, ima		analyzed, and the comparison results such as height difference and shape difference can be automatically	
more. Even if there are multiple evaluation samples, analysis can be performed instantaneously under the same conditions. It is possible to see at a glance where and what difference exist, such as changes in shape due to prototypes with different manufacturing conditions or wear. Not only can measurement work be significantly reduced, but evaluation errors caused by deviations in measurement conditions can also be prevented.  **CF Version**  **Customized Function Module For Special Observation**  **Requires multiple ultra-clear images using a single wavelength of light and images with different shutter speeds, and turns them into 1 image with high grayscale data. Achieved unprecedented high-definition, high-contrast observation**  The automatic turret of the six-hole objective lens, combined with the adjustment of the DIC prism, can make the height difference of the objective lens surface produce obvious relief effect, greatly improve the contrast of the image, and facilitate the user to analyze efficiently and accurately. Combined with polarized light observation, DIC can reflect the smallest surface morphology differences as brightness differences, and can display perfect images even for low-contrast, multi-phase samples and reflective materials.  **Through the automatic focusing acquisition method, high-definition scanning and splicing images of multiple areas are simultaneously obtained, and the number, concentration, diameter, and area of cells are statistically analyzed. The speed is fast and the identification is accurate.  **Westers Contract of Processing, image correction, multi-region image segmentation, morphological processing, image annotation, and layer merging processing methods. It is easy to use and conside, and the measurement is accurate and reliable.  **Cleanliness** Analysis**  **Cleanliness** Analysis**  **Cleanliness** Analysis** Contract of the same time, it supports user-defined rating standard rules. Divide a large area into multiple areas to shoot and analyze them individually, and yo		pictures and stitches to form 3D images, upgrade manual stage model to do semi-automatic 3D scanning and	
Acquires multiple ultra-clear images using a single wavelength of light and images with different shutter speeds, and turns them into 1 image with high grayscale data. Achieved unprecedented high-definition, high-contrast observation  The automatic turret of the six-hole objective lens, combined with the adjustment of the DIC prism, can make the height difference of the objective lens surface produce obvious relief effect, greatly improve the contrast of the image, and facilitate the user to analyze efficiently and accurately.  Combined with polarized light observation, DIC can reflect the smallest surface morphology differences as brightness differences, and can display perfect images even for low-contrast, multi-phase samples and reflective materials.  Through the automatic focusing acquisition method, high-definition scanning and splicing images of multiple areas are simultaneously obtained, and the number, concentration, diameter, and area of cells are statistically analyzed. The speed is fast and the identification is accurate.  Using automatic image stitching, the image is analyzed through image enhancement, contrast adjustment, scratch processing, image correction, multi-region image segmentation, morphological processing, image annotation, and layer merging processing methods. It is easy to use and concise, and the measurement is accurate and reliable.  Cleanliness Analysis  Cleanliness analysis can be performed according to standards such as ISO Standard 16232, VDA 19.1-2015, SO 16232, ISO4406 and ISO 4407. At the same time, it supports user-defined rating standard rules. Divide a largest diameter class (B to K). Also provides height information for selected particles.  Vickers/Knoo  Vickers/Knoo  Vickers/Knoo  Ficilent and fast panorama scanning, diversified path planning, automatic continuous loading, focusing, and measurement are convenient for users to obtain accurate measurement results and greatly improve work efficiency.  The system complies with VW50097, VW50093, VDG_P202 standards, and the who		more. Even if there are multiple evaluation samples, analysis can be performed instantaneously under the same conditions. It is possible to see at a glance where and what differences exist, such as changes in shape due to prototypes with different manufacturing conditions or wear. Not only can measurement work be significantly	
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Analysis areas are simultaneously obtained, and the number, concentration, diameter, and area of cells are statistically analyzed. The speed is fast and the identification is accurate.  Using automatic image stitching, the image is analyzed through image enhancement, contrast adjustment, scratch processing, image correction, multi-region image segmentation, morphological processing, image annotation, and layer merging processing methods. It is easy to use and concise, and the measurement is accurate and reliable.  Cleanliness Analysis  Cleanliness analysis can be performed according to standards such as ISO Standard 16232, VDA 19.1-2015, ISO 16232, ISO4406 and ISO 4407. At the same time, it supports user-defined rating standard rules. Divide a large area into multiple areas to shoot and analyze them individually.  Vickers/Knoo Hardness Test Auto Analysis  Fficient and fast panorama scanning, diversified path planning, automatic continuous loading, focusing, and measurement are convenient for users to obtain accurate measurement results and greatly improve work efficiency.  Brinell Hardness One-Click automatic identification function is significantly ahead of the existing mainstream Brinell hardness tester software products.  Porosity Measurement  Grain Size Analysis  According to JIS standard G0551 or ASTM standard E1382, the measurement line can select [vertical line], [horizontal line], [diagonal line], [multiple circles] to measure the crystals on test line.  One Click Auto Multiple measurement items can be saved as templates, the software intelligently matches similar shapes, removes redundant targets or separates overlapping targets, and automatically detects the edge of the object and selects the measurement area, you can add or delete measurement areas at will, and measure the largest and selects the measurement areas at or or can always and contract and contract and contract and contract and contract areas at will, and measure the largest and contract and contract and contract and contract and contract	DIC	height difference of the objective lens surface produce obvious relief effect, greatly improve the contrast of the image, and facilitate the user to analyze efficiently and accurately.  Combined with polarized light observation, DIC can reflect the smallest surface morphology differences as brightness differences, and can display perfect images even for low-contrast, multi-phase samples and reflective	
Metallurgical Analysis  scratch processing, image correction, multi-region image segmentation, morphological processing, image annotation, and layer merging processing methods. It is easy to use and concise, and the measurement is accurate and reliable.  Cleanliness Analysis  Cleanliness analysis can be performed according to standards such as ISO Standard 16232, VDA 19.1-2015, ISO 16232, ISO4406 and ISO 4407. At the same time, it supports user-defined rating standard rules. Divide a large area into multiple areas to shoot and analyze them individually, and you can deal with a wide range of cleanliness analysis. The number of particles extracted and the cleanliness class can be displayed for each largest diameter class (B to K). Also provides height information for selected particles.  Vickers/Knoo Hardness Test Auto Analysis  Brinell Hardness Tester Analysis  One-Click automatic identification function is significantly ahead of the existing mainstream Brinell hardness tester software products.  Porosity Measurement  According to JIS standard G0551 or ASTM standard E1382, the measurement line can select [vertical line], [horizontal line], [diagonal line], [multiple circles] to measure the crystals on test line.  One Click Auto Measurement  Max Area Max Area Measurement  Max Area Measurement  Max Area Measurement  Just use the mouse to specify the measurement arge, the software automatically detects the edge of the object and selects the measurement area, you can add or delete measurement arion and concise, and the measurement mediand processing methods. It is easy to use and concise, and the measurement area, you can add or delete measurement areas at will, and measure the largest		areas are simultaneously obtained, and the number, concentration, diameter, and area of cells are statistically	
Cleanliness Analysis    Cone-Click Auto Analysis    Cone Click Auto Measurement    Cleanliness Analysis    Cone Click Auto Measurement    Cone Click Auto Measurement	_	scratch processing, image correction, multi-region image segmentation, morphological processing, image annotation, and layer merging processing methods. It is easy to use and concise, and the measurement is	
Hardness Test Auto Analysis efficiency.  Brinell Hardness Tester Analysis efficiency.  One-Click automatic identification function is significantly ahead of the existing mainstream Brinell hardness tester software products.  Porosity Measurement The system complies with VW50097, VW50093, VDG_P202 standards, and the whole image is obtained by panoramic stitching for analysis, so that the porosity measurement can obtain more reliable results in the entire analysis area.  Grain Size Analysis According to JIS standard G0551 or ASTM standard E1382, the measurement line can select [vertical line], [horizontal line], [diagonal line], [multiple circles] to measure the crystals on test line.  One Click Auto Measurement Multiple measurement items can be saved as templates, the software intelligently matches similar shapes, removes redundant targets or separates overlapping targets, and automatically performs unified measurement, counting and analysis for multiple targets with one click  Max Area Massurement  Just use the mouse to specify the measurement range, the software automatically detects the edge of the object and selects the measurement area, you can add or delete measurement areas at will, and measure the largest		ISO 16232, ISO4406 and ISO 4407. At the same time, it supports user-defined rating standard rules. Divide a large area into multiple areas to shoot and analyze them individually, and you can deal with a wide range of cleanliness analysis. The number of particles extracted and the cleanliness class can be displayed for each	
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Measurement  Porosity Measurement  Measurement  Measurement  Multiple measurement items can be saved as templates, the software intelligently matches similar shapes, removes redundant targets or separates overlapping targets, and automatically performs unified measurement, counting and analysis for multiple targets with one click  Max Area Measurement  Measurement  Measurement  Multiple measurement items can be saved as templates, the software intelligently matches similar shapes, removes redundant targets or separates overlapping targets, and automatically performs unified measurement, counting and analysis for multiple targets with one click  Max Area Measurement  Measurement  Measurement  Multiple measurement items can be saved as templates, the software intelligently matches similar shapes, removes redundant targets or separates overlapping targets, and automatically performs unified measurement, counting and analysis for multiple targets with one click  Max Area Measurement  Measurement  Measurement  Multiple measurement items can be saved as templates, the software intelligently matches similar shapes, removes redundant targets or separates overlapping targets, and automatically performs unified measurement, counting and analysis for multiple targets with one click  Max Area Measurement  Measurement  Measurement  Multiple measurement items can be saved as templates, the software intelligently matches similar shapes, removes redundant targets or separates overlapping targets, and automatically performs unified measurement, counting and analysis for multiple targets with one click			
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Temoves redundant targets or separates overlapping targets, and automatically performs unified measurement, counting and analysis for multiple targets with one click  Max Area  Massurement  Massuremen			
Measurement and selects the measurement area, you can add or delete measurement areas at will, and measure the largest		removes redundant targets or separates overlapping targets, and automatically performs unified measurement,	
		and selects the measurement area, you can add or delete measurement areas at will, and measure the largest	

## **Maxcope Series Model**



M12.5850



M12.5810



M11.5805



M16.5850



M16.5810

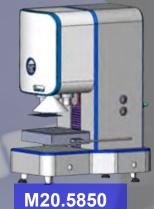


M11.5810



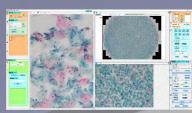
M13.5850



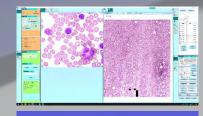




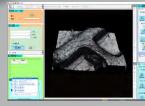
**2D** X/Y Motorized 2D Plane Scan



2DB X/Y/Z Motorized 2D Bevel Scan



2DF X/Y/Z Motorized 2D Fusion Scan



3D X/Y/Z Motorized 3D Scan



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