



M/s i7 Opto-electronics Inc.

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Overview of the Company

i7 Opto Electronics Inc. is the sole manufacturer of Microscopes & Precision Optics born in the **year 2000**. We have our registered office at **#123, HSIIDC, Industrial Estate, Ambala Cantt, Haryana**. We have been in the business of manufacturing of high-tech precision microscopes including stereo microscopes, compound microscopes, Surgical microscopes, digital microscopes, industrial microscopes and a great selection of accessories with a wide range of application specific Optics for the last 20 years. Since then we are relentlessly innovating newest products which may suit optimally with our client's changing requirements and expectations. Our basic aim is to provide quality equipment and dedicated customer service to our valuable customers.

We have obtained **ISO 9001:2015 and 13485:2016** for our microscopes, application specific cameras and precision optics bearing the brand name **"INFINITY"**. We have also obtained **European CE** certificate for our whole product range. Our entire production process is carried out under strict watch of quality experts.


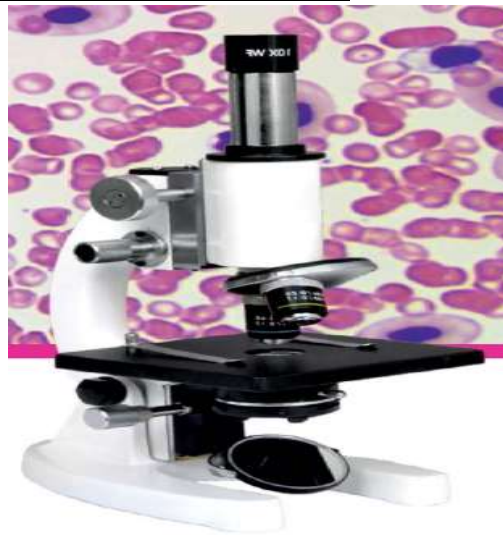
Our entire product range is manufactured in a state-of-the-art infrastructure with technologically advanced automated tools & machineries. The Robust infrastructural base has made us competent in efficiently carrying out activities like marketing, sales support, development, logistics and manufacturing.



We have a huge and established network in India. The network is well-supported with transportation facility that has assisted in meeting the requirements of the markets within predetermined timeline.

Our key success is the result of the deep understanding of our consumers, innovative designs, superior craftsmanship and innovative spirit of our dedicated staff members.

Last but not the least we would like to convey our sincere gratitude to our most valued customers who have been patronizing our entire product range and services with unflinching confidence.



Product Category No.	Product Specification	Product Image
SM 21240	<p>iOX 5 Student Microscope</p> <p>Viewing Head: Monocular 90 Degree Eyepiece: Huygenian 15x,10x Nosepiece: Triple, Upright Objective: iOX series JIS Achro 10x, 40x(SL) Mechanical Stage: 120x120mm with clip Focusing Movement: Separate Coarse and Fine movement Condenser Moveable: Fixed Abbe N A 1.25 with Iris Diaphragm Light Source: Plano concave mirror .Optional LED Sub stage Lamp Carrying Case: Styrofoam Packing Supplied with: Manual & Dust cover Optional Accessories: Wooden carrying case, LED Lamp, WF10X</p>	
SM 21241	<p>iOX 7 Student Microscope</p> <p>Viewing Head: Monocular 90 Degree Eyepiece: Huygenian 15x,10x Nosepiece: Triple, Upright Objective: iOX JIS Achro 10x, 40x(SL) Mechanical Stage: 120x120mm with clip Focusing Movement: Separate Coarse and Fine movement Condenser Moveable: Moveable Abbe N A 1.25 with Iris Diaphragm Light Source: Plano concave mirror .Optional LED Sub Stage Lamp. Carrying Case: Styrofoam Packing Supplied with: Manual & Dust cover Optional Accessories: Wooden carrying case: LED Lamp, WF10X</p>	
BPMR 4026	<p>iOX 9 Medical Microscope</p> <p>Viewing Head: Monocular 90 Degree Eyepiece: Huygenian 15x,10x Nosepiece: Triple, Upright Objective: iOX JIS Achro 10x, 40x(SL) and 100X (SL)</p>	

	<p>Mechanical Stage: 120x120mm with XY movement Focusing Movement: Separate Coarse and Fine movement Condenser Moveable: Moveable Abbe N A 1.25 with Iris Diaphragm Light Source: Plano concave mirror . Optional LED sub stage lamp Filter: Blue Carrying Case: Styrofoam Packing Supplied with: Manual & Dust cover Optional Accessories: Wooden carrying case, LED Lamp, WF10X</p>	
BPMR 4027	<p>iOX 22 CXL Biological Microscope</p> <p>Optical System: Finite Colour corrected optical system. Viewing Head : Sliding Binocular or Trinocular head, 45 Degree inclined, 360 degree rotatable, IPD 54-75mm. Eyepiece : Widefield 10x / 20mm Eyepiece Nosepiece : Reverse angle quadruple nosepiece Objectives: IOX series DIN Semi plan Achromatic objectives 4X, 10X, 40X (Spring Loaded) and 100X (Spring loaded, oil). Mechanical Stage: Double Plate size 190mmx140mm movement control, m, XY travel range 90mmx65mm. Double specimen holder clip. Focusing: Coaxial coarse and fine focusing on gear system. Condenser : Substage Abbe condenser N.A 1.25. Iris diaphragm with frosted white/blue filter Illumination : Built in base illumination system with 6V 20W halogen bulb Supplied With : Styrofoam Packing. Standard Accessories: Power cord (5Ft), Immersion oil, Spare Bulb (in Halogen only), Cleaning cloth, Nylon Dust cover, Styrofoam Packing. Optional Accessories: Pointers and Micrometer reticules, Polarizing, Phase contrast, Fluorescence and Darkfield kit, Quintuple Nosepiece, Application specific objectives and Eyepieces, Digital cameras (1.3 Mp, 3MP, 5MP, 9MP, 10MP and 14MP) and Adaptors, Battery back up up to 6-7 hours, Wooden Box.</p>	

<p>BPMR 4028</p>	<p>iOX 7 Delta Research Microscope</p> <p>Viewing head: Compensation Free Binocular/Trinocular Head. Inclined at 30 48mm-75mm)</p> <p>Eyepiece WF10×/22mm with rubber eye-cup</p> <p>Objective: IOX series infinite PLAN objective:4×, 10×, 40×(s), 100×ion(s)Oil</p> <p>Nose-piece: Inward, Quintuple revolving nose-piece</p> <p>Stage: Double layers mechanical stage. Stage Size : 190mm×160mm.Moving Range : 75mm×50mm. Double specimen holder clip.</p> <p>Condenser: A.1.25Abbe condenser with iris diaphragm & filter holder</p> <p>Focusing: Coaxial coarse & fine focusing adjustment</p> <p>Light Source: Koehler Q-LED 3.5W 3V illumination with variable control</p> <p>Optional Accessory: Eyepiece : WF16×、WF20×、P16× IOX series DIN Infinity Plan objectives 20x, 60x SL, WF 15x,WF 20x, Pointers & Micrometer Reticules, Phase contrast, Polarizing, Fluorescence and Dark Field attachments, Digital USB Cameras (1.3MP,3MP, 5MP, 14MP) with in-built adaptors, Digital Cameras, HDMI cameras and DSLR Cameras with adaptors, Illumination System Halogen 6V 20W</p>	
<p>BPMR 4029</p>	<p>iOX 7 Elite</p> <p>Optical System: High Contrast Infinity corrected Optical System</p> <p>Observation Head: Binocular / Trinocular head inclined at 30° with interpupillary distance of 50-75mm</p> <p>Nose-piece: Inward, Quintuple revolving nose-piece</p> <p>Eyepieces: Wide Field 10x/22mm</p> <p>Mechanical Stage: Rackless & Scratchless Double plate stage size 216mm X140mm. X/Y travel range 90mm X 65mm.Division: 0.1mm Low drive right side movement controls. Coated surface for scratch resistance. Double specimen holder clip.</p> <p>Objectives: High Contrast Infinity corrected IOX series Plan Achromatic objectives 4x (N.A. 0.10, W.D. 25mm), 10x (N.A. 0.25W.D. 6.7mm), 40x (SL, N.A. 0.65, and W.D. 0.6 mm) and 100x (SL, Oil, N.A. 1.25, W.D. 0.17mm)</p> <p>Condenser: Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with Frosted white filter.</p> <p>Focusing Control: Co-axial coarse and fine focusing</p> <p>Illumination: Koehler Q-LED 3.5W 3V illumination with</p>	



INFINITY
MICROSCOPES & OPTICS

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BPMR 4065

iOX 300 Binocular Microscope

Optical System: Finite Color Corrected Optical System.

Observation Head: 360° rotatable 45° inclined Monocular or Sliding Binocular/Trinocular head with IPD: 53mm-75mm.

Eyepiece: WF10X/18mm eyepieces.

Nosepiece: Quadruple nosepiece.

Mechanical Stage: Single plate stage size 120x140mm.

Objectives: iOX series high contrast JIS Semi Plan Achromatic objectives 4X, 10x, 40x (Spring Loaded) 100x (Spring Loaded, Oil)

Condenser: Sub Stage Abbe condenser N.A. 1.25 with Aspheric Lens. Iris diaphragm with frosted white/ blue filter

Focusing Control: Co axial coarse and fine focusing on metal gear system

Illumination: Halogen 6v 20W Light source or LED 3 W variable illumination control.

Packing Contents: Power Cord, Immersion Oil, Spare Bulb (in Halogen Only) Dust Cover, Cleaning Cloth, Operation Manual, Styrofoam Case

Optional Accessories: Pointers and Micrometer Reticule, Phase Contrast, Polarising, Fluorescence and Dark Field Attachments, Application specific Objectives and Eyepieces, Digital USB cameras (1.3MP, 3MP, 5MP and 14MP) with in built adaptors, DSLR cameras with adaptor, Wooden Box



BPMR 4066

iOX Star 4 Plus Biological Pathological Research Microscope

Optical System: High Contrast Finite Optical System.

Observation Head: 30° inclined 360° rotatable Binocular/Trinocular tube with IPD: 50mm-75mm.

Eyepiece: WF10X/20mm eyepieces.

Nosepiece: Quadruple nosepiece.

Mechanical Stage: Graduated Mechanical rectangular stage size 190x140mm. XY Travelling range 90mmx65mm with Coaxial control.

Objectives: iOX series Plan DIN objectives 4X, 10x, 40x (Spring Loaded) 100x (Spring Loaded, Oil)

Condenser: Moveable Abbe condenser N.A. 1.25 with Aspheric Lens. Iris diaphragm with frosted white/ blue filter. Swing in and swing out filter holder.

Focusing Control: Co axial coarse and fine focusing with tension control ring.

Illumination: LED 3.5W 3V with intensity control regulator.

Packing Contents: Operation Manual, Vinyl Dust Cover Cleaning Cloth and 1 unit Fuses.



variable control.

Optional Attachment: Trinocular Head, IOX series DIN Infinity Plan objectives 20x, 60x SL, WF 15x, WF 20x, Pointers & Micrometer Reticules, Phase contrast, Polarizing, Fluorescence and Dark Field attachments, Digital USB Cameras (1.3MP, 3MP, 5MP, 14MP) with in-built adaptors, Digital Cameras and DSLR Cameras with adaptors, Illumination System Halogen 6V 20W

iOX 700 Monocular Microscope

Optical System: High Contrast Finite Plan Color Corrected Optical System.

Observation Head: 360 rotatable 30 inclined Monocular Head.

Eyepiece: Highpoint paired WF10X/18mm eyepieces. Optional 10x/20mm

Nosepiece: Reverse angle Quadruple nosepiece.

Mechanical Stage: Double plate stage size 190x140mm. X/Y travel range 90x65mm. Double specimen stainless steel clip.

Objectives : iOX series DIN Semi Plan Achromatic objectives 4X, 10x, 40x (Spring Loaded) 100x (Spring Loaded, Oil)

Condenser: Sub Stage Abbe condenser N.A. 1.25 with Aspheric Lens. Iris diaphragm with frosted white/ blue filter

Focusing Control: Co axial coarse and fine focusing on gear system

Illumination: Halogen 6v 20W Light source or LED 3 W variable illumination control.

Packing Contents: Power Cord, Dust Cover, Cleaning Cloth, Operation Manual, Styrofoam Case

Optional Accessories : Bino/Trino head, IOX series DIN Plan objectives 20X, 60X (SL), WF 15X, WF 20X, Pointers and Micrometer Reticule, Phase Contrast, Polarising, Fluorescence and Dark Field Attachments, Digital USB cameras (1.3MP, 3MP, 5MP and 14MP) with in built adaptors, DSLR cameras with adaptor, Illumination system Halogen 6V, 20W.

BPMR 4030



BPMR 4031

iOX 700 Binocular Microscope

Optical System: High Contast Finite Plan Color Corrected Optical System.

Observation Head: 360° rotatable 30° Sliding Binocular Head

Eyepiece: Highpoint paired WF10X/18 mm eyepieces.

Nosepiece: Inward revolving Quadruple nosepiece

Mechanical Stage: Double plate rackless stage size 190x140mm.X/Y travel range 75x50mm. Double specimen stainless steel clip.

Objectives: : IOX series Semi Plan Achromatic objectives 4X,10x,40x(Spring Loaded),100x(Spring Loaded , Oil)

Condenser: Sub Stage Abbe condenser N.A. 1.25 with Aspheric Lens. Iris diaphragm with frosted white/ blue filter.

Focusing Control: Co axial coarse and fine focusing on gear system

Illumination: kohler Q-LED 3.5W 3V variable illumination control.

Packing Contents: Power Cord ,Dust Cover, Cleaning Cloth, Operation Manual, Styrofoam Case

Optional Accessories : Mono/Trino head, IOX series DIN Plan objectives 20X,60X(SL),WF 15X,WF 20X,Pointers and Micrometer Reticule, Phase Contrast, Polarising, Fluorescence and Dark Field Attachments, Digital USB cameras(1.3MP, 3MP,5MP and 14MP) with in built adaptors, DSLR cameras with adaptor, Illumination system Halogen 6V,20W.



BPMR 4032

iOX 700 Premia

Optical System: High Contast Finite Plan Color Corrected Optical System.

Observation Head: 360° rotatable 30° Siedentopf Binocular Head.

Eyepiece: Highpoint paired WF10X/28mm eyepieces.

Nosepiece: Reverse angle Quadruple nosepiece. Optional (Quintuple)

Mechanical Stage: Double plate rackless stage size 190x140mm.X/Y travel range 75x50mm. Double specimen stainless steel clip.

Objectives: IOX series Plan Achromatic objectives 4X,10x,40x(Spring Loaded) , 100x (Spring Loaded , Oil)

Condenser: Sub Stage Abbe condenser N.A. 1.25 with Aspheric Lens.Iris diaphragm with frosted white/ blue filter.



Focusing control: Co axial coarse and fine focusing on gear system.

Illumination: kohler Q-LED 3.5W 3V variable illumination control.

Packing Contents: Power Cord, Dust Cover, Cleaning Cloth, Operation Manual, Styrofoam Case.



	<p>Optional Accessories: Bino/Trino head, IOX series DIN Plan objectives 20X,60X(SL),WF 15X,WF 20X,Pointers and Micrometer Reticule, Phase Contrast, Polarising, Fluorescence and Dark Field Attachments, Digital USB cameras(1.3MP,3MP,5MP and 14MP) with in built adaptors, DSLR cameras with adaptor, Illumination system Halogen 6V,20W.</p>	
BPMR 4033	<p>iOX 20 Mono Pathological Research Microscope Viewing Head: Monocular tube, 45° inclined, 360° rotatable Eyepiece: Wide Field eyepiece WF 10x, FOV 18mm Nosepiece: Quadruple nosepiece Objective: iOX series Semi PLAN JIS Objective 4X, 10X, 40X (S) and 100X Oil, (S) Mechanical Stage: Single Plate Graduated Mechanical rectangular stage, size 140 x 140mm with cross travel 90 (X) x 65mm (Y) on ball bearing with co-axial controls Focusing Movement: Separate coarse & fine focusing mechanism. Condenser: Moveable ABBE Condenser, centerable, NA 1.25 with aspheric lens. Iris diaphragm, Swing-in and swing-out filter holder Light Source: Illumination system LED 3.5w 3v or halogen 6v 20w (either One) CE approved. Carrying Case: Styrofoam Packing Optional Accessories: Wooden carrying case.</p>	
SZM6003	<p>iOX 44 Stereo Dissecting Microscope IOX-44 Series Stereo Microscope has two magnification levels(10x/20x, 10x/30x, or 20x/40x). It is designed for both indoor and outdoor applications, powered by either batteries or wall-power. It is an ideal microscope for student learning and classroom teaching. It is also a perfect device for viewing jewel, PCB, insects and so on. Eyepiece: WF10X/20mm;high-eyepoint;wide-field;Convenient. Optional Eyepiece: WF5X, WF10X, WF15X, WF20X. Main Body: Binocular head, 45° inclined, 360° rotatable, can be locked in any position desired. Interpupillary Distance adjustment:55-75mm; Diopter adjustment:±5 diopters Illumination: 12v/10w incandescent lamp 12v/10w halogen lamp LED illumination(Rechargeable for option)</p>	

<p>SZM6004</p>	<p>iOX 45e Stereo Zoom Microscope iOX-45e Series Stereo Zoom Microscope can provide crystal clear sharp images with high resolution and good depth within a broad field of view. Once brought in focus, images remains clear and sharp throughout the whole zoom range. It is widely used in electronic industry, educational demonstration and agricultural research for micro-object observation, inspection and measurement. Magnification: 7X - 45X, 3.5X - 270X Eyepiece: WF 10X/20 mm h Objective: 0.7X - 4.5X stereo zoom Working Distance: 78 mm Binocular Head: 45 Degree Inclined, 360 Degree Rotatable</p>	
<p>SZM6005</p>	<p>iOX 45s Stereo Zoom Microscope iOX-45S Series Stereo Zoom Microscope is fully coated optical system with super high resolution. It offers sharp clear images with extremely great flatness and contrast. Once brought in focus, image remains clear and sharp throughout the whole zoom range. It comes with super wide-field high-eyepoint eyepieces. The flat field parfocal zoom objectives provide continuously variable magnification from 4X to 300X with optional eyepieces and auxiliary lenses. It's an ideal instrument for those who require precision-oriented observation. Magnification: 8X-50X, 4X-300X Eyepiece: WF10X/22 mm Objective: 0.8X-5.0X stereo zoom; Zoom Ratio:6.3:1 Illumination: LED Auxillary Lens: 0.5X, 2.0X Binocular Head: Binocular head, 45° inclined, 360° rotatable, can be locked in any position desired. IPD adjustment:52 75mm</p>	
<p>SZM6007</p>	<p>iOX 48A Binocular Stereo Zoom Microscope Optical System: Parallel optical zoom system Viewing Head: Binocular head, 20°inclined, Interpupillary distance 55-75mm(Standard) Tilting binocular eyepiece tube, 0-35°inclined, Interpupillary distance 55-75mm (optional)</p>	

Eyepiece: WF10X/Φ22 (Standard)
WF10X/Φ24 (Optional)
WF15X/Φ16 (Optional)
WF20X/Φ12 (Optional)
WF30X/Φ8 (Optional)

Incident Light Method: LED 3.3w with intensity control

Zoom Ratio: 1:10

Working Distance: 78 mm

Incident Light Method: LED 3.3w with intensity control.

Optional Accessories: Kit, 0.5x, 1.5x or 2.0 Auxiliary Objective, SWF 15x or SWF 20x Eyepieces Paired, Trinocular Head, Digital Camera with adopter, Dark field with Tweezer, Built-in battery back up system 6 hrs, Flourescent attachment Kit.



SZM6009

iOX 6745 Stereo Zoom Microscope

iOX-6745 Series Stereo Zoom Microscope is fully coated optical system with super high resolution. It is characterized by brand-new optical design, the best reproduction and true color image. It is ideally suited for industrial as well as for biological research where high precision, maximum working distance and large field coverage is required.

Eyepiece: WF15X/F.N.15, WF20X/F.N.10

Main Body: Binocular head, 45° inclined, 360° rotatable, can be locked in any position desired. Interpupillary Distance adjustment: 54-75mm

Working Distance: 30 -165 mm

Field Of View: 1.1 - 57.1 mm

Illumination: Transmitted and reflected 5v/3w LED illumination with independent switches and adjustable intensity



SZM6010

iOX-DMSZ20 Digital Stereo Zoom Microscope

iOX-DMSZ20 series integrated zoom optical module with high definition camera. It can be conveniently used in a narrow and small space. According to ergonomic

	<p>principles, its internal optical corner design and angle adjustment of the display screen, allow the operator to look at the display in a flat view. Through the HDMI HD interface, it can connect to another display simultaneously.</p> <p>Magnification: 17x-110x</p> <p>Objective: 0.7x-4.5x</p> <p>Sensor: 1/3" COMS</p> <p>Resolution: 1920*1080P@60FS(2.0Mp)</p> <p>Output: HDMI, USB, SD Card</p> <p>Display: 11.6" / 21.5" optional</p> <p>Illumination: Comes with 56-LED ring light</p>	
SZM6011	<p>IOX-SZX-12 Research Stereo Zoom Microscope</p> <p>IOX-SZX-12 Stereo is a research level zoom stereomicroscope with infinite parallel Galileo optical system. Based on Galileo optical system and Apo-chromatic objective, it can provide real and perfect microscopic images on details. The excellent ergonomics and user-friendly operating system can truly allow users to experience a simple and comfortable work. The Mirror in the base can be 360 ° rotatable to achieve the best observation results. IOX-SZX-12 can meet the research demands of life sciences, biomedicine, microelectronics, semiconductors, materials science and other fields of research needs.</p> <p>Feature:</p> <p>Tilting viewing head for comfortable operation: Tilting viewing head from 5 to 45 degrees, can be flexibly adjusted for different operators with different posture.</p> <p>Large zoom ratio :12.5:1.</p> <p>Eye-piece: High eye-point wide field plan eyepiece PL10× /23mm</p> <p>objective: Apochromatic</p> <p>Base: Plan base with transmitted illumination, built-in 360 degree rotatable mirror, location and angle adjustable</p> <p>Illumination: 5W LED light box</p>	
MM7562	<p>iOX-50M Inverted Metallurgical Microscope</p> <p>Eye-piece: Wide field WF10X</p> <p>Nose-piece: Quintuple</p> <p>Eye-piece Tube: Inclination angle is 45 Degree</p> <p>Objective: iOX-50M is equipped with bright field objectives.</p> <p>iOX-50M-BD is equipped with both bright field and Dark field objectives.</p> <p>Illumination system: 6V30W halogen and brightness enable control., use in iOX-50M</p> <p>12V50W halogen and brightness enable control., use in</p>	

	IOX-50M-BD	
MM7562	<p>iOX-200M Inverted Metallurgical Microscope Professional metallurgical objective and PLAN eyepiece provide clear image, high resolution, comfortable observation. With the corresponding photo or video accessories, can collect and preserve the image, with computers and specialized metallographic analysis software can analyse the metallographic image. Optical system: Finity color corrected optical system. Viewing head: Gemel trinocular, 45°inclined. Eyepiece: High eyepoint wide field plan eyepiece PL10X/18mm High eyepoint wide field eyepiece WF15X/13 (Optional) High eyepoint wide field eyepiece WF20X/10mm (Optional). Nosepiece: Reversed quadruple nosepiece Reversed quintuple nosepiece (Optional) Stage: Three-ply mechanical stage, area 180mmX155mm. Moving range:75mm×40mm Illumination system: Reflection Koehler illumination with iris diaphragm and centerable field diaphragm Polarizing kit: Polarizer and the analyzer can be removed from the optical path, the analyzer can be rotated 360 °. Photo accessories: Photo tube (with PK mount) , photo eyepiece 3.2X Video accessories: CTV0.5X/1.0X Software: specialized metallographic analysis software</p>	
MM7563	<p>iOX-500M Upright Metallurgical Microscope Eyepiece tube: Trinocular inclined 30°, pupil separation 53~75 mm. Eyepiece: PL10x/22mm, PL15x/16mm Nosepiece: Quintuple Reversed Objective: Infinity plan achromatic objectives Stage: Mechanical stage, overall size : 210mmX140mm, moving range: 63mmX50mm Focusing system: Coaxial coarse/fine focus system, with tension adjustable device. Illumination: 6V30W halogen and brightness enable control.</p>	

FLM8096

Delta-7 FL series Fluorescent Research Microscope

High efficiency, flexibility and stability are the characters of this series microscope. It is specially developed for various application fields. It is widely used from daily work to scientific research, in laboratory, hospital and college because of higher cost performance and reasonable humanized design, it becomes the first choice of individual, hospital and scientific research organization.

Optical system: infinite optical system

Viewing Head: Compensation Free trinocular Head inclined at 30° interpupillary distance adjustable 48mm-75mm

Eyepiece: Wide field Plan WF10X/22mm

Objective: IOX series infinite Plan objective 4X0.10, 10X/0.25, 40X/0.65, 100X/1.25 Oil

Nosepiece: Quadruple nosepiece

Stage: double layer mechanical stage. Stage Size :

190mmx 160mm. Moving Range : 80mmx 50mm

Focusing: Coaxial coarse & fine focusing adjustment

Light Source: Transmission illumination. Halogen Bulb 12V/100W

Fluorescent attachment: B Wave band (In Delta-7 FL-B Model)

B,G Wave band (In Delta-7 FL-B and G Model)

Optional Accessory: Eyepiece:

WF15X/17mm, WF20X/12.5mm

objective : infinite Plan large N.A fluorescent objectives 4X/0.15, 10X/0.35, 20X/0.60, 40X/0.75, 100X/0.90 (Dry)

Photography attachment and CCD C

mount : 0.5X, 0.57X, 0.75X

1.3Mega, 2.0Mega, 3.0Mega, 5.0Mega, 10.0Mega pixels

CMOS Digital camera eyepiece

CCD Camera, colour 1/3 High resolution 700 TV lines

Image analysis software

Fluorescent digital CCD G、V、UV、Red、Aqua Gold Wave band



Delta-7 FL B



Delta-7 FL B and G

FLM8097

IOX 102 FL series Biological Fluorescent Research Microscope

Epi-fluorescent microscope is used for fluorescence microscopy and transmitted field observation. It is equipped with infinity plan achromatic objectives and wide field eye-pieces having clear picture and wide view field. It is the ideal instrument in biology, cytology, oncology, genetics, immunology etc. It also can be used in scientific research, universities, medical treatment,

epidemic prevention etc.

Eyeiece: Wide field WF10X (18mm)

Objective: Infinity plan achromatic Objectives 4X,10X,40X(SL),100X(SL,Oil)

Eyeiece tube: Trinocular (Inclination of 30°)

Nosepiece: Quadruple type

Stage: Double layer mechanical (Size:190mmX140mm, Move range: 75mmX50mm)

Light source: 6V 20W Halogen lamp or 3Watt LED lamp ,adjustable brightness

Reflected fluorescence system: Mercury lamp house 100W/DC

Fluorescence filter system B excitation wavelength:450~490nm

Fluorescence filter system G excitation wavelength:495~555nm

Fluorescence filter system UV excitation wavelength:320~380nm (Optional)

Fluorescence filter system V excitation wavelength:380~415nm (Optional)



FLM8098

iOX 102 LED FL Fluorescent Research Microscope

Eyeiece: Wide field WF10X(Φ22mm)

Objective: Universal Infinity plan achromatic objectives of 4X,10X,40X,100X.

Eyeieces tube: Trinocular, Inclination of 30°.

Nosepiece: Quadruple

Stage: Rackless Double layer mechanical stage (Size:210mmX140 mm,movingrange:75mmX50mm)

Epi-fluorescent illumination system: 5W high brightness LED. Enable selecting monochromatic or bichromatic LED for light source, every monochromatic LED wave band: Green (475nm~550nm) Blue(410nm~490nm)

Transmitted illumination system: 3W high brightness white LED, brightness adjustable.

Fluorescence filters: B(Blue) and G(Green).




FLM8099



iOX 106 FL Biological inverted Fluorescent Research Microscope

IOX-106FL inverted fluorescent microscope is composed of inverted microscope and Epi-fluorescent attachment. The inverted microscope has the feature to observe the specimen in Culture flask and Petri dish. Epi-fluorescent device applies to the fluorescent microscopy. It is equipped with long working distance plan achromatic objectives, wide field eyepiece, trinocular observation head, phase contrast kit and phase contrast objectives. The transparent alive objects can be observed without staining.

Viewing Head: Compensation Free Trinocular Head, Inclined 45°



	<p>(50mm-75mm)</p> <p>Eyepiece: WF10×/22mm</p> <p>Objective: Long working distance plan achromatic</p> <p>objectives:</p> <p>4×、10×(phase contrast),20×(phase contrast)、40× (s)</p> <p>Stage: Double layer mechanical stage. Stage Size: 242mm×172mm Central stage: Φ110mm. Moving Range: 75mm×40mm</p> <p>Condenser: N.A.0.3 Abbe Condenser with iris diaphragm.</p> <p>Focusing: Coaxial coarse and fine focusing system With tension adjustment.</p> <p>Light Source: Transmission Illumination: Halogen Bulb 12V/30W, Adjustable Brightness</p> <p>Epi-Fluorescent Illumination: 220V(110V) Ultra-high pressure Mercury</p> <p>Fluorescence attachment: Blue and Green Wave band</p> <p>Optional Accessory: 1.3Mega、2.0 Mega、3.0 Mega、5.0 Mega、pixels CMOS Digital camera eyepiece, HDMI 1080, HDMI 720p cameras, Objective:40×phase contrast, U、V Wave band, Photography attachment and CCD Adapter0.5×、0.57×、0.75×</p>	
FLM8100	<p>iox Star 9 FL Biological Upright Fluorescent Research Microscope</p> <p>IOX-STAR-9FI Fluorescence Microscope is made with the combination of biological microscope and Epi-fluorescence device. Epi-fluorescence is widely used in biology, medicine, immunology, oncology, genetics, materials science and other fields. Conventional configuration has 5 wave bands Blue, Green, Blue-Violet, Violet and Ultra violet can be switched, and meanwhile, the conventional transmission observation can be used for general biological applications.</p> <p>Viewing Head: Compensation Free Siedentopf Trinocular Head Inclined at 30°</p> <p>Eyepiece: WF10×/22mm</p> <p>Objective: Infinite Apochromatic Fluorescent Objectives: 4x, 10x, 40x and 100x</p> <p>Nosepiece: Sextuple Nosepiece with precise click stops.</p> <p>Stage: Double layer mechanical stage</p> <p>Stage Size: 190mm×160mm Moving Range: 80mm×50mm</p> <p>Condenser: N.A.1.25 Abbe condenser with iris diaphragm and filters.</p> <p>Focusing: Coaxial coarse & fine focusing adjustment with rack and pinion mechanism. Fine focusing scale value 0.002mm.</p> <p>Light Source: Transmission Illumination: Halogen Bulb 12V/30W, Brightness Adjustable</p> <p>Epi-Fluorescent Illumination: Ultra-high pressure Mercury Lamp100W/DC.Digital display mercury lamp constant power.</p>	

	<p>Fluorescent Box: Blue, Green, Blue-Violet, Violet and Ultra violet Wave Band</p> <p>Optional Accessory:</p> <p>Eyepiece: WF16×/17mm, WF20×/12.5mm 1.3Mega, 2.0 Mega, 3.0 Mega, 5.0 Mega pixels CMOS Digital camera eyepiece, HDMI cameras, 4K HDMI cameras, Various USB 3.0 and Firewire application specific cameras.</p> <p>Infinite Plan Objectives: 4×, 10×, 20×, 40×(s), 60×(s), 100×(s) oil</p> <p>Infinite fluorescent Objectives: 100×(dry)/N.A.0.9 Texas Red, Aqua Gold Wave band fluorescent box, Photography attachment and CCD Adapter 0.5×, 0.57×, 0.75×</p>	
POL9000	<p>IOX Smart POL Polarising Microscope</p> <p>Eyepiece: WF 10×-18mm</p> <p>Objectives: Non-stress Infinity Plan Objective 4×, 10×, 20×(S), 40×(S) 60×(S) and 100×(S, Oil) (Optional)</p> <p>Viewing Head: Seidentopf Binocular Head. 360 deg. rotatable, 30 deg. inclined. Seidentopf Trinocular Head. 360 deg. rotatable, 30 deg. inclined.</p> <p>Nosepiece: Quadplex, Center adjustable Quintuple (Optional)</p> <p>Analyzer Unit: 0-90°</p> <p>Bertrand Lens: It can be moved out of the optical path. λ Slip: First Class Red</p> <p>Revolving Round Stage: Rotatable 360°, Division 1°, Vernier division 6', can be locked.</p> <p>Condenser: Abbe N.A. 1.25 Non-stress</p> <p>Illumination: 12V/20W Halogen Lamp 6V/30W Halogen Lamp (optional) 3W-LED Lamp (optional)</p> <p>Filter: Blue (Built in)</p> <p>C-mount: 1×/0.75×/0.5× (Focus adjustable) (optional)</p>	
MVM2001	<p>IOX-PH-777 Biological Pathological Multi-Viewing Microscope</p> <p>Optical System: Finite optical system.</p> <p>Observation Head: One number high transmission Trinocular head 45 inclined main head Compensation free 360 degree rotatable. Four number compensations free Binocular Head inclined 45 for multi viewing. Antifungal coated.</p> <p>Eyepieces: 5 pairs of WF eyepieces 10x F.O.V. 18mm with Diopter adjustment.</p> <p>Nosepiece: Quadruple nosepiece turret (Ball bearing type)</p> <p>Stage drive: Double plate stage size 140x120, X/Y travel range 100mmx60mm. Double specimen holder clip.</p> <p>Objectives: IOX series DIN Plan Achromatic objectives 4x,</p>	

10x, 40x and 100x antifungal coated.
Condenser: Abbe condenser NA 1.25, Iris diaphragm with blue day light filter.
Illumination: True Kohler illumination, Halogen Lamp 24V-100W / LED 3W with brightness controller.
Focusing: Coaxial coarse and fine focusing with roller guide for smooth operation,
LED Pointer: A moveable built in green led pointer(brightness adjustable) is supplied as a standard accessory.
Optional Accessories: Micrometer Reticules, Phase contrast, Polarizing, Fluorescence and Dark Field Kits, Cord Hanger Kit, Digital USB Cameras(1.3MP, 3MP, 5MP) nad Digital cameras 14MP with Adapters. Digital SLR cameras with Adapters, WF eyepieces 15x and 20x.

MVM2002

iOX-PH-999 Biological Pathological Multi-Viewing Microscope
Optical System: Infinite optical system.
Observation Head: One number Seidentopf Trinocular head 30° inclined head Compensation free 360 degree rotatable. Four number compensations free Binocular Head inclined 30° for multi viewing. Antifungal coated.
Eyepieces: 5pairs of WF eyepieces 10x F.O.V.22mm with Diopter adjustment.
Nosepiece: Quintuple nosepiece turret(Ball bearing type)
Stage drive: Double plate stage size 185mmx142mm, X/Y travel range 75mmx55mm. Double specimen holder clip.
Objectives: IOX series DIN Infinite Plan Achromatic objectives 4x, 10x, 40x and 100x.
Condenser: Abbe condenser NA 1.25, Iris diaphragm with blue day light filter.
Illumination: True Kohler illumination, Halogen Lamp 24V-100W / LED 3W with brightness controller.
Focusing: Coaxial coarse and fine focusing with roller guide for smooth operation,
LED Pointer: A moveable built in green led pointer(brightness adjustable) is supplied as a standard accessory.
Dual Colour LED Pointer(Optional)
Video Adapter: C Mount 1x & C Mount 0.5x (optional)
Optional Accessories: Micrometer Reticules, Phase contrast, Polarizing, Fluorescence and Dark Field Kits, Cord Hanger Kit, Digital USB Cameras(1.3MP, 3MP, 5MP) nad Digital cameras 14MP with Adapters. Digital SLR cameras with Adapters, WF eyepieces 15x and 20x.



MVM2003

Nexus -3 and Nexus-5 series Multiviewing Microscope

Nexus Series multi-viewing demonstration biological microscope is designed for several people to observe one specimen together at the same time. It has infinity imaging system, high light intensity illumination system, sharp & clear image and consistent image in observation. Particularly it is suitable for discussion application in Clinic, Research and education. It supplies bigger space for an observer that brings more comfortable in working.

The microscope is equipped with LED cursor to indicate image in the viewing field, the cursor is arrow type with light intensity adjustable button. The cursor can be moved freely; any position of the image can be indicated.

Optical system: Infinite Optical System

Viewing Head: Compensation Free Trinocular Head Inclined at 30° (50mm-70mm)

4-Binocular head, interpupillary distance adjustable 50mm-75mm **(Nexus-5 Model)**

2-Binocular head, interpupillary distance adjustable 50mm-75mm **(Nexus-3 Model)**

Eyepiece Plan WF10X/22mm

Objective: IOX series infinity plan objective 4X0.10 , 10X/0.25, 40X/0.65, 100X/1.25 Oil

Nosepiece: Quintuple Nosepiece, Inward

Stage: X axis Rackless double layers mechanical stage stage size : 190mmx 160mm, Moving range : 80mmx 50mm

Focusing: Coaxial coarse & fine focusing

Light Source: Halogen Bulb 12V/100W, Brightness adjustable.

Indicator: LED cursor brightness adjustable

Optional Accessories: Eyepiece

WF15X/17mm, WF20X/12.5mm

infinity plan objective 20X0.40, 60X/0.85

infinity semi-plan objective 4X0.10 , 10X/0.25,

20X/0.40, 40X/0.65, 60X/0.85, 100X/1.25 Oil

Photography attachment and CCD C

mount : 0.5X, 0.57X, 0.75X

1.3Mega, 2.0Mega, 3.0Mega, 5.0Mega, 10.0Mega

CMOS Digital camera eyepiece

HDMI 1080 and HDMI 720p cameras

Image analysis software

MVM2005



Nexus -3



Nexus -5

DM3444

GM-50 Gemological Trinocular Microscope

Viewing Head: Inclined Binocular

Eyepiece: WF 10X

Objective: Zoom 1x-4x

Dark field working stage with Jewel tweezer

Working Distance: 90.5 mm

Incident Light: Halogen lamp 12 V/10 W



	Transmitted Light: Halogen lamp 12 V/10 W	
DM3445	IGM-500 Diamond/ Gemological Microscope Viewing Head: Inclined Binocular Eyepiece: WF10x/20mm Objective: Zoom 0.75x-5x Incident Light: Halogen lamp 12 V/10 W Transmitted Light: Halogen lamp 12 V/10 W Dark field working stage Working Distance: 113 mm Stand: Rotatable Stand	
DM3446	Portable Gemological Microscope Magnification: 7x to 45x Voltage (V): 6 Volts 20 Watts	
MLM1056	iOX Malaria Detection Microscope Our Company is engaged in offering a wide spectrum of Malaria Detection Microscopes. These products are designed by skilled professionals using innovative tools and machines. Offered products are strictly checked by our quality controllers against various quality parameters to ensure their quality and performance. Apart from this, these products are highly appreciated and accepted by our valued customers for their long life and premium quality feature Illumination: 3W Cool Light LED 3.3V Electronics: Input 220V AC, 50/60 Hz Battery Back-Up: 6V, 1.2Ah, Approx. 8 hrs, If Fully Charge	
TCM9690	iOX 105S Inverted Tissue culture Microscope Optical System: Inverted Binocular body with infinite corrected optics. Viewing Head: 45 degree inclined trinocular head Eyepiece: Paired WF10X/20mm. Objectives: Long Working Distance Plan Achromate objectives of 4X,10X,20X,40X. Nose piece: Revolving Quintuple nosepiece. Mechanical Stage: Fixed Stage (With Clips) 170mm×216mm Condenser: N.A. 0.35 Filters : Blue & Green Filter. Illumination: LED 3.3V with brightness control.	

TCM9691

iOX 107 High End Phase Contrast Inverted Tissue Culture Microscope

Optical System: Infinity corrected optical system.

Viewing Head: Binocular head 45°, 360° rotatable, IPD 54mm - 75mm

Eyepiece: Paired WF10X/22mm.

Objectives: iOX series Long Working Distance Phase contrast DIN Plan Achromate objectives of 4X, 10X, 20X, 40X.

Nose piece: Upright Quintuple nosepiece.

Mechanical Stage: Double plate stage size 250mm X 160mm. Attachable X/Y travel range 120mm X 78mm. Various of holders can be assembled.

Condenser: NA 0.3 Köhler illumination condenser with phase-adjustable side plate

Filters : 45mm Green Interference filter, Color temperature change filter, infrared eliminate filter

Illumination: 5W warm color LED, 12V3.3A External illumination with variable control.





SM3421

iOX Series OPM 400 Surgical Microscope

- Microscope body with Apochromatic Optics having 5-Steps Magnification Changer
- 10X wide field eyepiece with locking diopters
- Objective lens 300mm with 13mm internal focusing mechanism
- 5-step Magnification Changer (0.4X, 0.6X, 1X, 1.6X, 2.5X)
- Spring balance suspension arm for Floor stand with fiber optic cold light illumination system
- Swivel Coupling for various situation required in surgery
- Video output (HDMI) through suspension system.



Camera Solution


<p>UA3876C</p>	<p>Infinity Optix UA Series C-mount USB2.0 CMOS Camera</p> <p>Infinity Optix UA series camera is an Advanced USB2.0 CMOS camera and it adopts ultra-high performance CMOS sensor as the image picking device. USB2.0 is used as the data transfer interface. External dedicated on-board buffer is added to achieve maximum performance of USB2.0. UA camera hardware resolutions range from 3.0MP to 16MP and comes with the CNC aluminum alloy compact housing.</p> <p>1. 19 MP UA1900CA Pixel(μm)- 1.335x1.335 Sensor & Size(mm)- 16M/MN3142(C) 1/2.33"(6.18x4.66)</p> <p>2. 10 MP UA1000CA Pixel(μm)- 1.67x1.67 Sensor & Size(mm)- 10M/MT9J003(C) 1/2.3"(5.98x4.59)</p> <p>3. 5 MP UA5100CA Pixel(μm)- 2.2x2.2 Sensor & Size(mm)- 5.1M/MT9P006(C) 1/2.5"(5.70x4.28)</p> <p>4. 3 MP UA310CA Pixel(μm)- 3.2x3.2 Sensor & Size(mm)- 3.1M/MT9T001(C) 1/2"(6.55x4.92)</p>	
<p>CMOS453C</p>	<p>Infinity Optix UA HP3CMOS series CMOS USB 3.0 CMOS Camera</p> <p>HP3CMOS comes with advanced video & image processing application MicroView</p> <ul style="list-style-type: none"> ■ SONY SONY Exmor, Exmor R(Back-illuminated), Exmor R(Back-illuminated), Exmor RS CMOS sensor with USB3.0 Interface ■ Integrated CNC Aluminum alloy compact housing ■ Super high sensitivity up to 1146mV with 1/30s ■ Super-Fine color engine with perfect color reproduction capability ■ With advanced video & image processing application INFINITY MicroView ■ Rolling Shutter or Global Shutter; 	



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<p>QCAM1080C</p>	<p>INFINITY QCAM 1080 Microscopy Camera</p> <p><u>Features</u></p> <ul style="list-style-type: none"> ❖ SONY Exmor Back - illuminated CMOS sensor ❖ All in one (HDMI+WIFI+SD card) C - mount camera With high sensitivity CMOS sensor ❖ Simultaneous HDMI & WIFI output ❖ Ultra low noise and low power dissipation ❖ With advanced video & image processing application MICAPS Micro View ❖ Built- in mouse control ❖ Built- in image capture & video record to SD card ❖ Built- in camera control panel for mouse control ❖ Built- in toolbar including zoom, mirror, freeze, cross, browse functions ❖ Built- in image & video browsing ,display ❖ Ultra - Fine color engine with perfect color reproduction capability 	
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INFINITY
MICROSCOPES & OPTICS

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Microscopic Accessories

SI No	Product Name
1	Pointers and Micrometer Reticules
2	Phase Contrast Attachments
3	Polarising Attachments
4	Fluorescence Attachment
5	Dark Field Attachment
6	Bright Field Attachment
7	Digital USB Cameras with in built Adaptors
	i) 1.3 MP
	ii) 3 MP
	iii) 5 MP
	iv) 14 MP
8	Digital Cameras with Adaptors
9	HDMI Cameras with Adaptors
10	DSLR Cameras with Adaptors
11	CCD Cameras
12	Filter
	i) Green
	ii) Yellow
13	Fluorescent Filter
	i) Violet
	ii) Ultra Violet
14	Binocular Head
	i) Sliding
	ii) Seidentopf
15	Trinocular Head
	i) Sliding
	ii) Seidentopf
16	Infinity view Image Analysis Software
17	Metallurgical metallographic Analy





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OBJECTIVES & EYE-PIECES

OBJECTIVE TYPE	
JIS FIXED (ACHROMAT)	
4X	
10x	
20x	
40x	
100x (S) Oil	
JIS CENTERING (ACHROMAT)	
4X	
10x	
20x	
40x	
100x (S) Oil	





INFINITY
MICROSCOPES & OPTICS

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DIN FIXED (ACHROMAT)	
4X	
10x	
20x	
40x	
100x (S) Oil	
DIN CENTERING (ACHROMAT)	
4X	
10x	
20x	
40x	
100x (S) Oil	
DIN PLAN	
4X	
10x	
20x	
40x	
100x (S) Oil	
DARK FIELD OBJECTIVE	
100x (S) Oil iris diaphragm dark field objective with condenser	
JIS FIXED METALLURGICAL ACHROMAT	
4X	
10x	
20x	
40x	
100x (S) Oil	
10X WIDE FIELD EYE-PIECE PAIR	
10X WIDE FIELD EYE-PIECE PAIR 18mm F.O.V.	
10X WIDE FIELD EYE-PIECE PAIR 20mm F.O.V.	

