

INSTAVISION

LABORATORY MONOCULAR MICROSCOPE

Model : BS / MS



A Stable & Robust Microscope is here for Pathological labs, Doctors & Students. Feature Include separate Coarse & Fine adjustment, with COAXIAL MECHANICAL STAGE, With convenient adjustment for manipulation of slides & planoconcave mirror in adjustable fork mount, Sub Stage Abbe Condenser (N.A. 1.25) focusable with rack & fitted with an iris diaphragm & filter holder, triple revolving nose piece, Microscope is inclined upto 90 degree with mechanical tube length 160mm

	INSTA BS	INSTA MS
Body	Aluminium die cast. With smooth & Precise mechanism.	
Optical System	Colour corrected DIN optics	
Eyepieces	Hygienic 10X & 15X	Wide Field 10X
Objectives	10X, 40X	10X, 40X, 100X (oil)
	Hard anti-reflection colour coded parfocal Achromatic Objectives	
Nose Piece	Quadruple revolving type. Precision Ball bearing mechanism with positive click stop.	
Stage	With stage clips	Co axial mechanical stage
Focusing	Co-Axial Coarse & Fine Control	
Condenser	Abbe condenser N.A. 1.25 With aperture iris diaphragm, filter holder	
	Fixed	Variable with Rack & Pinion

Optional Accessories

Detachable LED Light source with illumination control. Battery operated.



Manufactured by :

DE TECH

CD 256, SALT LAKE,
KOLKATA-700064 WB.

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INSTAVISION PHOTOMICROGRAPHY CAMERA AND ANALYSIS SOFTWARE

DIGITAL / DSLR / CMOS / CCD / True Chrome HD Cameras & Image Analysis Software for Brightfield / Dark Field / Phase / Fluorescence Applications



CMOS USB 2 Camera.
3.0 & 5.0 MP Cameras
Direct viewing of slide image on computer, Complete with Installation & editing software
Models : INSTA 3 & INSTA 5



SONY 20 MP Digital Camera with matching Optical Adaptor, accessories. installation & editing software
Optional: Image Analysis software



Model: Digi 16
Innovative Dual Processor
CMOS Imaging Sensor
16 Megapixel resolution, remarkable representation of the finest details, no loss of image fidelity.
USB3.0 Chip. Latest USB3.0 standard, 5Gb/s ultra high speed data transfer, high efficiency and easy to use 16MP high definition resolution still image acquisition and video recording with sharp image quality and vibrant colour. **INSTA-LC-14**

Standard C-Mount camera with **Aptina CMOS sensor**; With hardware resolution among **5M to 14M**; On-board memory for perfect Synchronization, **higher frame rate** and stable performance: High performance cooling structure, ensures **low image noise**: USB2.0 interface ensuring **high speed data transmission**: **Ultra-Fine color engine with perfect color reproduction capability**; With advanced video & image processing application
Models : INSTA-LC-5, INSTA-LC-10 & INSTA-LC-14



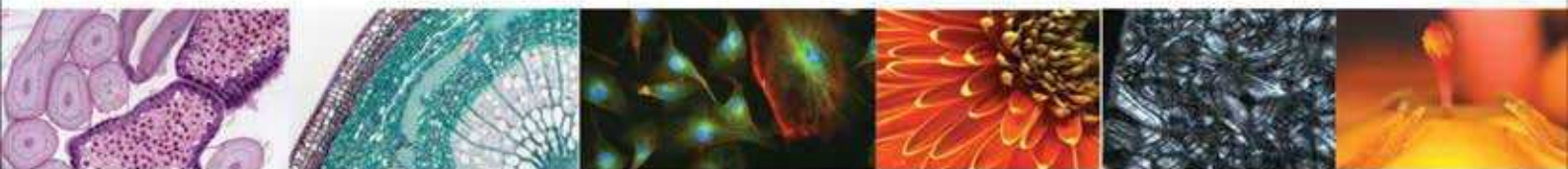
Model : True Chrome IIS. **Built-in Mouse Control** Camera
The significant innovation of True Chrome IIS is embedding the application software inside the camera. The user can control the camera with just a mouse.

There is no need for a PC
HDMI FL imaging Capability

Taking advantage of the ultra-high signal to noise ratio sensor, True Chrome IIS allows you to set up to 10 seconds exposure time. The incredibly efficient 3D noise reduction performance delivers **finest detailed images for low light fluorescence**.



DSLR Camera Nikon / CANON / SONY / OLYMPUS with matching optical adaptor & accessories
Model : INSTA-DSLR-P



Manufactured by :

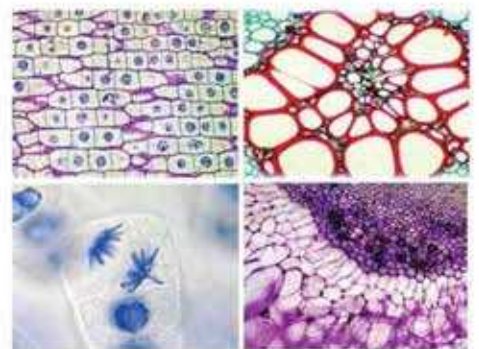
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INSTAVISION



Binocular Microscope

Value for Money

INSTAVISION Binocular Microscope

Designed for operational ease, the INSTA DX Bi/Tr microscope's unique features accommodates the student and every requirement in the operation throughout the workflow and ensures outstanding optical performance with large field number (FN) 20. Also, the built-in LED light source provides uniform and stable illumination for long term with low power consumption.

SPECIFICATIONS

	INSTA DX Bi	INSTA DX Tr
Body	Aluminium die cast. With smooth & precise mechanism.	
Optical System	Color corrected DIN optics	
Magnification	40X - 1000 X for visual observation	
Observation Head	Inclined. 360 deg. rotatable Binocular Head	Inclined. 360 deg. rotatable Trinocular Head
Eyepieces. Wide Field	WF 10X (FN 20), Paired, Colour Compensated.	
Nose Piece	Quadruple revolving type. Precision Ball bearing mechanism with positive Click stop.	
Stage	Co Axial Mechanical Stage. Size 125X145 mm with traverse area of 50 mmX78 mm. Right hand operation	
Objectives	DIN Standard Achromatic Objectives	
	4X(0.10)/20.0 mm)	
	10X (0.25/6.3 mm)	
	40X (Spring loaded 0.65/0.53 mm)	
	100X (Oil, Spring loaded, 1.25/0.20mm)	
Focussing System	Co Axial Coarse & Fine Control	
Condenser	Abbe condenser N.A. 1.25. With aperture iris diaphragm. Rack & Penion mounted. With filter holder.	
Illumination	LED / Halogen illumination with brightness control. Collector lens system to provide optimum brightness.	



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INSTAVISION Dissecting Microscope - **INSTA DM** (Deluxe Model)



INSTA DM	
Body	Heavy round base with precisely designed body.
Focusing	Sensitive focusing, done by rack and pinion arrangement. Revolving arm provided for moving magnifying lens over full stage area
Stage	85mm x 75mm with glass plate.
Illumination	A plano-concave lens fitted in fork for light reflection
Optics	10X & 20X Eyepieces



INSTAVISION Stereo Dissecting Microscope - **INSTA SM1**

INSTA -SM1	
Observation Head	Streight Binocular head with interpupillary adjustment & hand grip
Stage	Stage with clips and reversible black & white plate
Objectives	Fixed Achromatic Objectives 2X
Eyepieces	Wide Field Eyepieces WF 10X

INSTAVISION 3 Objective Stereo Dissecting Microscope - **INSTA SM3**



INSTA -SM 3 LED	
Stand	Dual light stand 3 position light control
Tube	45 deg inclined, Binocular
Eyepieces	10X-20mm
Objective	1X-2X-4X revolving on turret
Total Magnification	10X-20X-40X (10X Wide Field Eyepiece)
Zoom Ratio	1:04
Working distance	90 mm
Focus	Focusing knobs on stand
Illumination : Mains & Battery Operated	Incident light LED 3.3W. sub-stage transmitted light LED 3.3W, with illumination control.
Electrical	Universal power supply (110-220V) ISO-CE



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INSTAVISION STEREO ZOOM MICROSCOPE

INSTA SIZE



The **INSTA-SIZE** reflects high performance engineering, ideal for professionals, favored by educational institutions because of their ease of use & affordability. Designed with stereo zoom, a sturdy base and excellent focusing ability. These microscopes are known for their durability and low level of maintenance. Researchers will find these models perfect for examining specimens. Those who are in need of an affordable microscope with plenty of add-on capability will find what they are looking for in **INSTA-SIZE**

Specifications:

Optical system	: Greenough
Zoom Ratio	: 1:6.4
Viewing body	: Integrated Binocular with 45 deg. 50-75 IPD adjustment
Working distance	: 110 mm
Magnification range	: 7X to 45 X continuous
Eyepiece	: 10X paired eyepiece with 20mm field of view
Eye guards	: Rubber, Retractable
Illumination control	: 3.3 Watt Incident / Transmitted ("Oblique" Setting) / Combined Illumination control buttons with light intensity control dial.
LED life	: Approx 25,000 hours
Light quality	: Homogeneous daylight (6500 deg K), free of UV and IR emissions
Power Supply	: Universal 100V - 240V, 50/60Hz Integrated Power Supply with built in voltage flux stabilizer

Optional Accessories :

Pointer & Micrometer Reticules; Polarizing Kit
2X Auxiliary Objectives; Dark Field kit; **Camera attachment**



Imported/Assembled

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INSTA CZM MICROSCOPE FOR RESEARCH & EDUCATION

SPECIFICATIONS :

Optical System: High Contrast Infinity corrected Plan Optical System

Eyepieces: Wide Field 10x eye-piece with 22mm F.O.V

Observation Head: Binocular / Trinocular head inclined at 30° with Interpupillary distance of 48-75mm

Nose-piece: Inward, Quintuple revolving nose-piece ball bearing type with proper click stops

Mechanical Stage: Rack less Double plate stage size 190mm X160mm. X/Y travel range 75mm X 50mm. Double specimen holder clip.

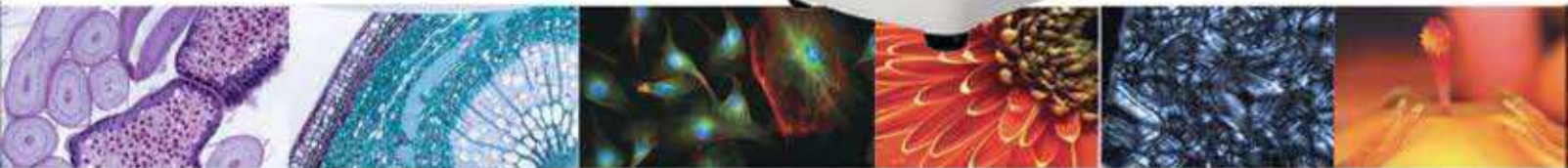
Objectives: High Contrast Infinity corrected Plan Achromatic objectives 4x (N.A. 0.10, W.D. 25mm), 10x (N.A. 0.25, W.D. 6.7mm), 40x (N.A. 0.65, W.D. 0.6mm) and 100x (Oil, N.A. 1.25, W.D. 0.17mm) antifungal, antireflection coated

Condenser: Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with Frosted white filter, antifungal & antireflection coated.

Focusing Control: Co-axial coarse and fine focusing on gear systems for smooth operation. Fine adjustment 0.2mm/rotation with maximum 2 micron scale increment.

Illumination: Koehler Q-LED 3.5W 3V
Up to 100,000 hours of LED life. 220V AC, 50 Hz.

Optional Attachment: Trinocular / Binocular Head, CMOS Camera for Photomicrography, Fluorescence attachment, WF 15x, WF 20x, Pointers & Micrometer Reticules



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