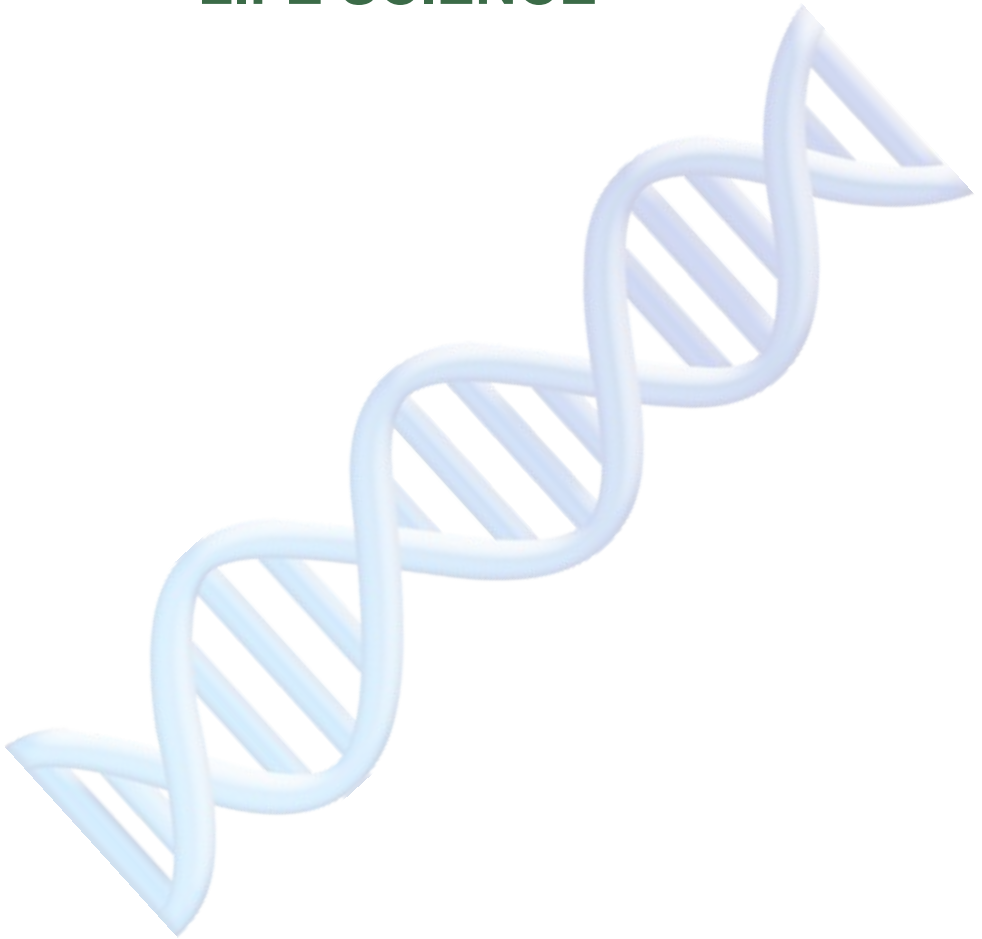


PULSE

LIFE SCIENCE



Simplifying Innovations... !!

PULSE LIFE SCIENCE

Estd. 2009

Since our establishment, we have dedicated ourselves to fulfill all the needs and requirements of our clients with utmost efficiency. In a short span of time, we have established ourselves as an eminent supplier, trader and service provider of a wide array. In the near future, we are planning to venture into manufacturing and exporting of varied products.

OUR MOTTO: To procure unparalleled quality products, to associated ourselves with some of the highly reputed manufacturers like Human Corporation(KOREA), Nanjing Kozo Optical & Electronic Instruments Co.(CHINA), National Microscopes(USA), Optika (ITALY), N-Biotek(KOREA) and others. They support us in providing a superlative array of Microscopes(Student & Research), UV / VIS Spectrophotometers, Water Purification Systems, Incubators, Shakers, Stirrers, Deep Freezers, Stability Chambers, Centrifuges, Waterbaths, etc. to our valued customers.

Clientele : Tata Memorial Hospital, ASTEC Life Sciences, Viridis BioPharma, JSW Steel, Directorate of Rapeseed Mustard Research(Rajasthan), Benaras Hindu University, TNAU(Tamilnadu Agricultural University), V.G.VAZE COLLEGE (Mumbai) and many more..!!



XJS 500

XJS 500

Trinocular Research Biological Microscope

Infinity Optical System F=180mm

Viewing Head Seidentopf Trinocular, Inclined at 30°, Rotatable 360°,

Objectives: Infinity Plan Achromatic 4X/0.10, 10X/0.25, 40X/0.66 (S), 100X/1.25 (S,O)

Nosepiece : Quintuple

XJF 100 FLUORESCENCE MICROSCOPE

Infinity optical system F=200mm

Viewing Head: Seidentopf Trinocular,

Nosepiece: Sextuple

Objective Plan Apochromatic Fluorescent objective 4X, 10X, 20X, 40X(S), 100X(S,O)

Fluorescent Filters : B, G, U, V, UV, Y(Optional)



XJF 100



XJP300

POLARIZING MICROSCOPE : XJP300

Non-stress Infinity Plan Objectives:

4X, 10X, 20X, 40X, 60X Polarizing Unit:

Rotatable 360° (Module Type, Can Be Locked)

Bertrand Lens : Inbuilt, Center Adjustable

λSlip First Class Red, 1/4λSlip, Quartz Wedge (I - IV Class) Revolving Round Stage Rotatable

360°, Center Adjustable, Division 1°, Vernier

division 6' **Polarizing Unit with Scale:**

Rotatable 360°, Can Be Locked

Transmission Light: 6V 20W Halogen Lamp

Koehler Illumination Reflecting Light: 12V

50W Halogen Lamp

Phase Contrast Microscope PH146

Binocular head, Sidentopf and 360° rotatable, Widefield Eyepieces WF 10X / 18mm, Quadruple nosepiece. Plan Phase Objectives 4X, 10X, 40X, 100X, Special 5-holes turret type Abbe Condenser 1.25 N.A. for 10X, 40X, 100X, BF Iris diaphragm. Centering telescope.



Ph146

BIOLOGICAL LCD MICROSCOPE - LCD 307

Digital part 2.0 Mega Pixels CMOS Chip

W-LAN and LAN function

Viewing Head Compensation Free binocular head, 30° inclined, Interpupillary 48-75mm

Eyepiece Wide Field Eyepiece EW10×/ 18

Objective Infinite Semi-Plan Achromatic Objective 4X, 10X, 40X, 100X

Nosepiece Quadruple Nosepiece

Illumination 6V/ 20W Halogen Lamp Illumination,

LCD Screen 8.4 Inch " Touch screen

Output USB2.0AV and VGA Output,100M Ethernet interface Software for Image Acquisition.



LCD 307



LCD 900

BIOLOGICAL LCD MICROSCOPE - LCD 900

Microscope comprising of:

CCD Technical Data Image Size Sony 1/3" Color

Screen Size 7" Screen(16:9)

Plan Achromatic 4X, 10X, 40X, 100X (S,O)



LCD 301

LCD 301 - 3.0MP CMOS SENSOR 13.3" LCD Screen

Plan Achromatic Objectives 4X, 10X, 40X, 100X (S,O)

Comprises of Inbuilt Computer with Win-07 OS.

Image Analysis Software.



5 Finger Multi-touch Capacitive Screen, Gravity Sensor



Scope - Pad 500

5.0 MP CMOS SENSOR
Capacitive Touch Screen
with Android 2.3 OS.

Can Connect To any Existing
Microscope on the binocular
or Trinocular port.

Scope - Pad 500



LCD 800

LCD 800 series are new generation microscope with micro computer which drives the operation system WinCE5.0 and display system. It supports 100M Ethernet network and WI-FI wireless net and can communicate with PC. 8.4 Inch TFT touching screen, friendly man-machine interface, multiple peripheral interfaces and powerful processing function, make it very easy to operate. And it can be widely used in various optical micro fields, such as teaching, researching, electronic checking and so on.

MS - 6 LCD Stereo Microscope with Inbuilt Computer

Photoreceptor Chip : 3.0MP 1/2"

Resolution : 2048X1536

Frame Rate : 30fps (MAX), 12fps @ 2048X1536

Data Interface: USB2.0 (High Speed)

Wireless network card: 802.11n with wireless transmission rate: 300M (Max)

Video : One VGA Output

USB Interface: Five USB Interface (High Speed) for Keyboard, Mouse & USB Storage

Screen : 13.3" 16:9 32 bit LCD Screen



MS - 6 LCD



LCD 153

LCD 153

5.0MP professional digital

Digital video recorder

9 inch HD screen

Support external SD card

Zoom Range 0.5 to 5X

The NEW **DMS-153** Digital LCD Microscope has revolutionized the traditional methods of microscopic observation and documentation. The DMS-153 incorporates the main elements of the ZOOM microscope: 7x-45x zoom, camera, and monitor in one self-contained package!



DMS 153

BIOLOGICAL DIGITAL MICROSCOPE - KXD - 300

Eyeiece: WF10X/20mm (one with pointer)
Infinity Objectives: E PLAN 4X/0.10, 10X/0.25,
40X/0.65(s), 100X/1.25s (oil)
Viewing Head: Binocular head, Inclined 30 °
Rotatable 360°Interpupillary Distance : 50-75mm.
Nosepiece: Quadruple
Illumination: LED Illumination
Built in Camera: ½" CMOS, 3.2Mega Pixel
Resolution: 2048 x 1536 pixels.



KXD - 300



DC5 163

BIOLOGICAL DIGITAL MICROSCOPE - DC5 163

Trinocular Photo tube 30° inclined with built in
High resolution 1/3" CCD Camera (Maximum
Field of view of 70-80%)
Achromatic Super Contrast (ASC) Objectives 4X,
10X, 20X, 40X & 100X
Inbuilt plug & play USB, can be used to view
images at the same time on computers, LCD's or
any other monitors
With Image Plus 2.0 Software.

JSZ 6D

**Digital Stereo Zoom Microscope with Inbuilt
Camera.**

Drawing tube : Digital viewing head, Inclined at
45° with 3.0Mega Cmos Camera
Eyepiece: Extra wide field eyepiece EW10×/22
Zoom Range : 0.8X to 5X
Zoom Ratio : 1 : 6.3
Working Distance : 115mm
Interpupillary Distance : 57-75mm
Glass Insert : Glass Insert, Diameter 100mm
Illumination : LED ring lamp with brightness
adjustable



JSZ 6D

BIOLOGICAL INVERTED MICROSCOPE - KXD100

provides versatility and high quality images for bright field and phase contrast observation. Ergonomically designed and Constructed with high quality component Main through the whole microscopes, KXD100 Inverted Microscope is the ideal instrument for micro tissue culture and



KXD100



BIOLOGICAL STEREO MICROSCOPE - ZOOM 1020

Ergonomic design has made the ZOOM1020 compatible with the manner in which you work and study. It has the high magnifications and high zoom ratio , the plain stand features a trim design that makes handling samples much easier. Moreover, the base has the wide front and smooth curves, allowing operators to work while resting their arms in a natural position. The ideally positioned focusing controls are placed conveniently to minimize fatigue. Zooming Range : 0.8X-8X.



MOTICAM 1000

MOTICAM 1000

No pixelation when used with a projector
Crisp & Clear images, Great for Interactive Whiteboards
Used in Schools, Universities and Laboratories

TUCSEN CAMERAS

1.3 Mega Pixels resolution Scientific-grade, non-compress image output high-fidelity color reproduction one-click image acquisition and storage capabilities



TUCSEN CAMERAS



XJM404

INVERTED METALLURGICAL MICROSCOPE Model :- XJM404

Viewing Head : Trinocular Seidentopf head with Inclined at 45 °

Eyepiece: WF10X/22mm and WF10X/20mm with reticule 0.1mm

Nosepiece: Quintuple nosepiece

Objectives : Infinity Plan Metallurgical objectives:- **4X** /0.1, **10X**/ 0.25, **20 X**/0.4, **40X** /0.6, **100X**/0.8

Polarizing : Analyzer rotatable 360°, Polarizer and analyzer can be swing in / out of the optical Path

Filter : Blue, green, yellow.

UPRIGHT METALLURGICAL MICROSCOPE MODEL XJM 600.

Head: Seidentopf Trinocular head

Eyepiece WF10X/25mm

WF10X/20mm with reticule

Objectives Plan Achromatic BD Objectives: 5X,10X,20X, 40X

Optional :- Plan Achromatic BD 50X, 100X.

Stage Double layers stage: 189×160mm

Moving range: 80×50mm

Nosepiece: Quadruple with DIC ..!!!!!!

Condenser Swing type NA=1.25 Abbe condenser with iris diaphragm and filter

Focusing System Coarse and fine focusing adjustment range: 25mm

Transmission light: 12V/50WAC85~230V

Accessories : Polarizer , Analyzer



XJM 600.



BIOVIS MP2000

BIOVIS MP2000

Biovis Materials Plus: Image analysis software for material and metallographic applications.

Materials analysis modules :-

Grains Size estimation, Inclusion, Phase, Nodularity , Graphite flake, Coating thickness, Decarburisation depth, Dendritic arm spacing,

GEL DOCUMENTATION SYSTEMS

BIOVIS. Model - 2000M4 --- LOW COST MODEL FOR INSTITUTES!!!!



Transilluminator: UV transilluminator with 150mm x 150mm illumination areas.

UV 312nm CCD Camera: High resolution digital CCD camera (>8 megapixels)

CCD Resolution : 3648 X 2736 **pixels**

Lens: Autofocus 3X true optical glass **zoom**, 7-21mm equivalent focal length.

Biovis Gel Software for gel documentation, analysis and image analysis. 1D Gel Analysis Densitometry (automated and interactive)

Biovis Gel Match: Software for lane comparisons, pattern matching, RFLP, Dendrogram construction etc.

BIOVIS. MODEL - 2012C --- FOR RESEARCH APPLICATIONS!!

UV Transilluminator- UV 312nm Light source with 21x26cm filter area

Camera : COOLED CCD

1.4 megapixel Cooled **CCD** camera . **Pixel format** 1360(H) x 1040(V) pixels

Data acquisition: True 12 bits (4096 gray) , >3.4 OD Peltier cooled - 30° below ambient

PC interface: High speed USB interface **Zoom lens :** 6x zoom lens. 8.5 to 51mm lens.

Interference filters :Set of 5 including Narrow band (590nm-10) for Ethidium Bromide .Coomasie blue, Silver stains etc..

Built in 6 Position Filter Wheel Closeup lens: +1, +2 Closeup diopter lenses.

BIOTOP. MODEL FLUORSHOT VISION WITH BUILT IN LCD SCREEN..!!!

Camera: CCD camera

Pixel Resolution 752 * 582 **Pixel Size (um V*H)** 8.3 * 8.3

Bit Depth: 8 bit **PC interface** BNC

Lens Type: 6X motorized zoom

Filter Standard F590 filter with layers coating (Consult us for specific requirement)

Operation panel Full function control panel for zoom, focus, Iris and illuminator

Display panel Built-in LCD screen

UV Transilluminator Transmitted area: 21cm x 26cm wave length: 312nm (254nm, 365nm selectable)

Tran-white Uniform white transillumination converter plate

Software BIOTOP Gel Imaging System has the function of database, image capture, image edit and image analysis

Dimension (W*H*D) 430*410*560mm **Certification:** CE



SOFTWARE FOR IMAGE & PARTICLE SIZE & ANALYSIS BIOVIS IP 2000

Automated Counting:- automatically counts hundreds of Objects in Seconds.

Automatically derives over 50 measurements for Size, Shape, Intensity, Colour for each object

Segregates Counted Objects into classes based on their measurements.

Morphometry:- Interactively trace or Automatically detects outlines of features.



BIOVIS IP 2000



Double Beam MODEL 2800



Single Beam MODEL 2950

UV SPECTROPHOTOMETER: Double Beam MODEL 2800

Wavelength Range: 190.. – 1100 nm

Spectral Bandwidth: 1 nm

Optical System : Double Beam, Grating
1200 lines/mm

Wavelength Accuracy: +/- 0.3nm

Wavelength Repeatability: 0.2nm

Photometric Accuracy: +/-0.3 %T

Photometric Repeatability: 0.2%T

Photometric Range: -0.3 to 3A, 0 to 200%T, 0-9999C

Stray Light : +/- 0.05 % T
@220nm,360nm

Stability : +/- 0.001 %A/h @500nm

Display : 320 X 240 Dots Graphical LCD

Baseline Flatness : +/- 0.002A

Sample Compartment: Single Cell
Cuvette Holder / 8 Cell Cuvette Holder.

Light Source : Halogen & Deuterium
Lamp (Pre – aligned)

Out Put : USB Port & Parallel Port
(Printer)

Power Requirement : 230V AC 50Hz.

Packing Dimensions: (WxDxH) : 860 x
660x465 mm **Weight:** 26 Kg.

Note : Please ask for single BEAM UV-VIS SPECTROPHOTOMETER



B.O.D. INCUBATOR

Technical Specifications:-

Temperature : 5 - 60°C

Accuracy : $\pm 0.5 / 0.2$ °C

Features: Double walled inner 304 S.S. and exterior.

G.I. Powder coated finish.

Precise solid - state DIGITAL

indicating temperature controller.

SIZES :

3 CFT / 90 Ltrs.

6 CFT / 170 Ltrs.

8 CFT / 225 Ltrs.

10 CFT / 285 Ltrs.

12 CFT / 320 Ltrs.

G.M.P. Model are also available all sizes.

B.O.D. INCUBATOR

MUFFLE FURNACE

Heavy duty exterior finished in epoxy blue powder coated shade.

Light weight being use of high thermal efficient ceramic insulation.

Choice of model for temperature 960 C.

Controller or Microprocessor based dual DIGITAL indicating controller.

Solid - State output fuse removes power to heaters if unit exceeds maximum temperature.

High temp. upto 1400 C with PID based microprocessor controller.



L W D SIZES :

4" x 4" x 9"

5" x 5" x 10"

6" x 6" x 12"

9" x 9" x 19"

MUFFLE FURNACE



VACCUM OVEN

VACCUM OVEN :

This model specially designed for drying & heating under carefully controlled conditions from atmospheric pressure to vacuum upto 30" Hg. They facilitate, desiccating, vaccum embedding, plating and electronic component processing.

RECTANGULAR SIZES

:

12" x 12" x 16"

14" x 14" x 20"

18" x 18" x 24"

20" x 20" x 30"



CHAMBER INNER SIZES :

12" dia x 20" depth
14" dia x 22" depth
18" dia x 28" depth
22" dia x 30" depth

DEEP FREEZERS



BFS 150



BFS 345S



FKS 471

Technical Specifications

[illegible]

RANGE OF PRODUCTS

SR. NO.	ITEMS	MAKE
1.	MICROSCOPES	NATIONAL - USA
2.	MICROSCOPES	KOZO – CHINA
3.	MICROSCOPES	OPTIKA - ITALY
4.	VACCUUM OVENS, CO ₂ INCUBATOR, STABILITY/HUMIDITY CHAMBERS	BINDER – GERMANY
5.	INCUBATORS, OVENS, SHAKERS, CENTRIFUGES, WATER BATHS AND CIRCULATORS, PLANT GROWTH CHAMBERS	MEDLINE – UK
6.	UV/VIS SPECTROPHOTOMETER	HUMAN CORP. – KOREA
7.	WATER PURIFICATION SYSTEMS	HUMAN CORP. – KOREA
8.	DEEP FREEZERS -20°C -40°C	CELLFROST/VESTFROST
9.	Gel Documentation System	BIOVIS - INDIA
10.	COLONY COUNTER(FULLY AUTOMATIC)	BIOVIS - INDIA
11.	INCUBATORS, WATER BATHS, BIO WORK STATIONS AND PCR WORKSTATIONS, BIO SAFETY CABINETS, MAGNETIC STIRRERS AND SHAKERS	N-BIOTECH – KOREA

RANGE OF PRODUCTS LABORATORY EQUIPMENTS

Autoclave Vertical Autoclave Vertical High Pressure (Triple Walled) BOD Incubator Ice Flaking Machine Deep Freezer Fume Hood Water Bath Fully Automatic Water Bath Incubator Shaker Water Bath Ultra Low Temperature Oil Bath (High Temp.)	Humidity Cabinet Hybridization Oven Incubator Laminar Flow Magnetic Stirrers Muffle Furnace Orbital Incubator Shaker Orbital Shaking Incubator cum-BOD incubator Plant Growth Chamber Rotary Flask Shaker Rotary Shakers	Shaking Machines Tissue Culture Hood Tray Drying Oven Vacuum Oven Vacuum Cum Pressure Pumps Vortex Shaker (Test Tube shaker / Cyclo mixer) Heating Mantle Melting Point Apparatus
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Address

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Authorised Dealer

