



INVERTOLAB-F

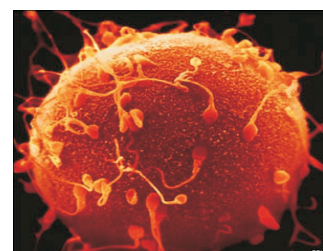
Inverted Fluorescence Microscope With Relief Contrast



INVERTOLAB, Inverted Microscope
(RELIEF CONTRAST)

SPECIALLY DESIGNED FOR FLUORESCENCE MICROSCOPY, ICSI & IVF

Par Axial Optical System for True Erect Image
All Optics Anti Fungus Treated & Hard Coated
Relief Contrast for ICSI & IVF
Fluorescence Illumination with HBO-100w,
high Pressure Mercury Vapour Lamp
Plan Fluor Optics - Long Working Distance
Ultra Long Working Distance Condenser



INVERTOLAB SERIES
Inverted Fluorescence Microscope
With Relief Contrast

Optionally offered with Narishige-Japan Micromanipulator

THE NEW GENERATION MICROSCOPES

INVERTOLAB SERIES

Inverted Fluorescence Microscope With Relief Contrast

Main Features

- Paraxial optical system for real erect image with optimum resolution.
- Long working distance plan optics for bright field, Fluorescence and phase contrast observation.
- Recommended for using micromanipulators, probes injectors and other instruments for Embryology
- Ultra long working distance condenser 70mm for uniform brilliant illumination.
- All optics are anti fungus treated & hard coated for greater resolution & longevity.

Technical Features

Main Body	An ultra modern and sturdy microscope designed for utmost convenience and durability. Equipped with ball bearing quadruple nosepiece, built in co-axial mechanical stage and powerful halogen illuminator. INVERTOLAB is offered with Plan Phase objectives as model Invertolab-PH for observations of unstained living specimens.
Focusing System	Co-axial coarse and fine focussing system supported on ball bearing guides with tension control ring and prefocus stopper for safety of objectives/specimen slides. Highly sensitive fine focusing reading to 0.002mm.
Mechanical Stage	Extra large built in Mechanical Stage, size 250x160mm with low position co-axial controls for smooth cross travel 120x178mm.
illumination	Super bright 6V-30W Halogen Bulb system with high grade condenser system for brilliant illumination controlled through solid state electronic regulator in the microscope base.
Trinocular Head	Sidentopf Trinocular head with interpupillary adjustment. Accepts photomicrography equipment or CCTV/Video equipment etc.
Eye Piece	Paired wide field eye pieces WF10x (High eye point, Field of view 22mm). Optionally WF16x or WF20x.
Plan Objective	Invertolab Series, (Bright Field) supplied with long working distance plan objectives PL4x, PL10x, LWD PL-20x & LWD PL40x. Invertolab-PH (Phase) supplied with long working distance plan phase objectives PL4x, PL-PH10x, PL-PH20x & PL-PH40x.
Condenser	Ultra long working distance condenser, working distance 72mm and 50mm for uniform brilliant illumination.
Magnification Range	Standard from 40x-400x and optionally upto 800x which can be further extended

ACCESSORIES

MD-55 AUTOMATIC VIDEO CUM PHOTOMICROGRAPHY EQUIPMENT



JAPANESE DIGITAL SLR CAMERA WITH ZOOM LENS



GMO-202ND THREE AXIS JOY STICK

GMO-202ND THREE AXIS JOY STICK

The GMO-202 micromanipulator features an oil hydraulic joystick enabling smooth three-dimensional movement with a single lever. Since the joystick is the hanging type, it can be manipulated with the user's arm and hands placed comfortably on the table. Operation is therefore done in a natural posture, and can be maintained for longer periods. Among other features promoting ease of use are the movable ratio adjustment section located on top of the control unit, and the unit's familiar rounded design instead of the more angular shape seen on conventional equipment. As one of our most popular micro manipulators, the GMO-202ND is highly recommended.

GLOBAL CO-ORDINATION OF TECHNOLOGY