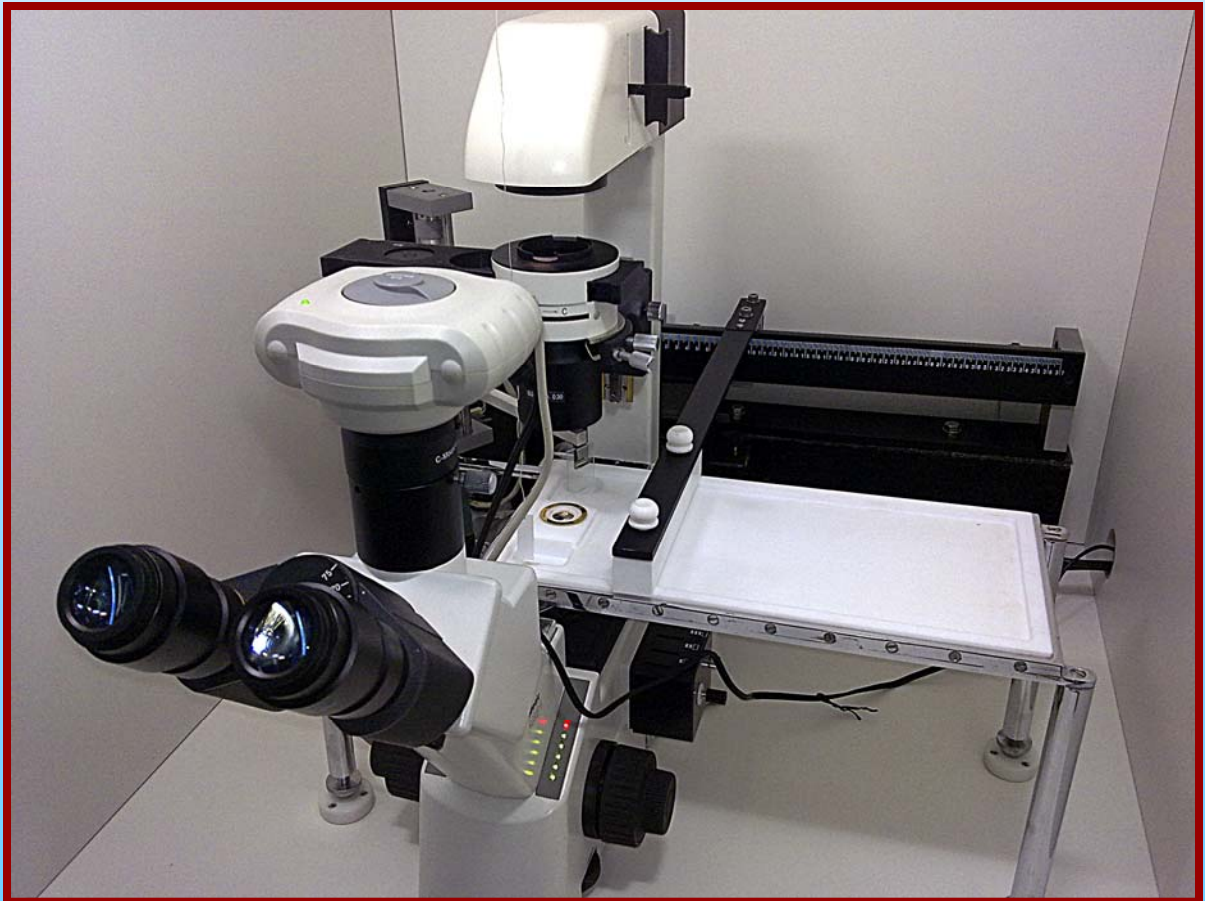


Langmuir mini-trough fitted with inverted phase contrast fluorescence microscope

Model No. APEX MINILB2006C

Apex Instruments Co., is pleased to launch a unique fully computer controlled LANGMUIR MINI-TROUGH FITTED WITH FLUORESCENCE INVERTED PHASE CONTRAST MICROSCOPE (Model No. APEX MINILB2006C) In spite of traditional LB work here one can monitor in situ domain formation at air water interface. We can proclaim that this low cost state-of-the-art instrument is most sophisticated, versatile and user friendly.

Customer satisfaction is our main motto. We always intend for meaningful faster service.



 APEX
INSTRUMENTS CO.

The system can perform followings :

- Pressure area isotherm measurement
- Surface pressure vs time measurement at constant pressure
- Surface pressure by time at constant area
- Mono and multi layer transfer to solid substrates
- In-situ imaging of domain structure of monolayer form that air water interface (both fluorescence and phase contrast)

Brief Specifications:

- Trough type: Fully Teflon coated tray.
- Barrier material: Square Teflon bar.
- Barrier type: Single.
- Working area: 300 mm X 150 mm.
- Barrier speed range: 0-90 mm/min.
- Barrier speed resolution: 0.005 mm.
- Dipping length: 80 mm.
- Dipping/lifting speed: 0-90 mm/min.
- Range of film pressure: 0-75 mN/m.
- Pressure resolution: ± 0.02 mN/m
- Accessories: Fitted with phase contrast inverted fluorescence microscope.

Field of application:

- Proteomics,
- Artificial membrane,
- Biosensor,
- Bio-surfactant,
- Polymers,
- Thin film NLO studies,
- Organic light emitting diodes,
- Organic field effect transistors,
- Nano/micro domain fabrication,
- Single molecule spectroscopy.

For technical support and more information please write to:

The logo for Apex Instruments Co. features a stylized 'AI' monogram on the left, followed by the word 'APEX' in a large, bold, sans-serif font, and 'INSTRUMENTS CO.' in a smaller, bold, sans-serif font below it. The entire logo is set against a light blue background with horizontal lines.

82 D, Ibrahimpur Road,
Kolkata - 700 032, West Bengal, India
☎ 91 33 2413 0364/2429 4401
e-mail: apexinstruments@gmail.com
web: <http://www.apexindia.com>