

LIVE CELL IMAGING MICROSCOPE

Instrument Details:

Make: Nikon

Model : Eclips Ti E



Specifications:

High-speed Motorized Control and Acquisition

Advanced Integration with Peripherals via NIS-Elements Imaging Software

Ti-LAPP Modular Illumination System

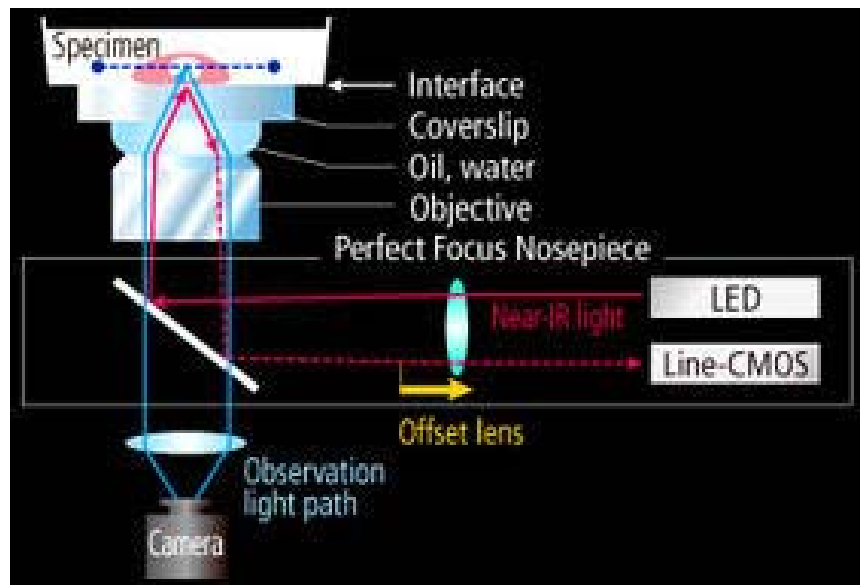
Stable Time-lapse Imaging with Automatic Focus Correction System

Principle:

The Ti-E is equipped with a unique Perfect Focus System (PFS) that automatically corrects focus drift in real time during a prolonged period of time-lapse imaging.

Focus drift resulting from a temperature drop when reagents are added is instantaneously corrected and the rapid change of cells can be captured.

The incorporation of the PFS in the nosepiece unit saves space and allows two optical component levels to be attached simultaneously utilizing stratum structure.



Applications:

Bright field, Time-Lapse, phase contrast, DIC Fluorescence

User Instructions:

Sample Submission: Samples are to be brought in person on the date of your appointment

Instructions for sample preparation/submission

Only glass bottom dishes can be used with PFS. The system is especially suited to high-throughput screening applications that involve multi-well plates.

Results: User is expected to bring their own recordable CD(s) to copy the collected data. After the sample analysis is complete, the collected data files will be copied to the CD provided by the user.

1 The experimental data provided is only for research / development purposes. These cannot be used as certificates in legal disputes.

2 Samples will not be analyzed till payment is received.

Basic charges:

Time used	Pricing Acadamia	Industry
0-3hrs	Rs 944	Rs 1770
3-8hrs	Rs 1534	Rs 2950
8-18hrs	Rs 2950	Rs 3835
>18hrs	Rs 153/hr	Rs 224/hr

PAYMENT:

1. Academic Institutions:

User can come personally or send a letter from the Guide/HOD on the Institution's Original Letter Head along with the Registration Form and Demand draft. The letter must clearly indicate whether the samples are for Research or Consultancy purposes. The letter should be addressed to Mr.Vinod Kumar Mishra Staff Scientist, Head, Sophisticated Equipment Facility(SEF) Centre For DNA Fingerprinting and Diagnostics(CDFD) Hyderabad Email-sefcdfd@cdfd.org.in, vk mishra@cdfd.org.in

2. Industry & Non-Government Agencies:

User can come personally or send a letter signed by an authorized signatory of their Institution on Original Letter Head along with the Registration Form and Demand draft. The letter should be addressed to Mr.Vinod Kumar Mishra Staff Scientist, Head, Sophisticated Equipment Facility(SEF) Centre For DNA Fingerprinting and Diagnostics(CDFD) Hyderabad Email-sefcdfd@cdfd.org.in, vk mishra@cdfd.org.in

Tariff for external users:

Basic charges including GST* (as applicable)

*GST rate as on 1.8.2017

*Pricing is only for data collection. User is expected to bring their own recordable CD to copy the collected data.

General instructions to the users

Payment Mode: Payment should be made by a Demand Draft (DD) drawn in favour of the “DIRECTOR CDFD HYDERABAD”.

Appointment: The users will be informed about their date and time-slot by email. If the day and timeslot is not suitable for you, an email request to sefcdfd@cdfd.org.in, vkishra@cdfd.org.in should be sent immediately for an alternate slot.



CENTER FOR DNA FINGERPRINTING AND DIAGNOSTICS

SOPHISTICATED EQUIPMENT FACILITY

UPPAL, HYDERABAD

LIVE-CELL MICROSCOPY IMAGING –REQUISITION FORM

NAME		DATE :
NAME OF GROUP / SUPERVISOR		
INSTITUTION	a) CDFD [] b) Academic [] c) Industry[]	
TYPE OF IMAGING	a) Fixed [] b) Z-stacking [] c) Live – Cell Imaging[]	
No. of. SLIDES		No. of. CHAMBERS:
FLUORESCENT DYES USED	1)	Excitation / Emission range:
	2)	Excitation / Emission range:
	3)	Excitation / Emission range:
E-mail / PHONE		
DECLARATION	This is to certify that these samples do not contain Radioactive material Signature <input type="text"/>	

This is to submit that Content of this report is meant for our information only and we will not use the content of this report for advertisement, evidence, litigation or quote as certificate to third party.

Signature of Student

Signature of the Group Head