

STEREOMICROSCOPE

Photo of Instrument:



Instrument Name	Stereomicroscope
Instrument Model & Serial No.	165C
Instrument Make	Leica
Category of Instrument	Characterization and Testing
Description of Instrument	A stereo microscope, also known as a dissecting microscope or stereomicroscope, is a type of optical microscope designed for low magnification observation of three-dimensional objects. Unlike compound microscopes which are typically used for high magnification viewing of thin, two-dimensional specimens such as cells or microorganisms, stereo microscopes are optimized for observing larger, solid objects like rocks, insects, plants, circuit boards, and other macroscopic specimens.
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	12.5:1 zoom 8x to 100x magnification up to 864 lp/mm resolution (with 2.0x objective)
Application of Instrument (Limited to Major 4 or 5)	Morphological Analysis

Department of Civil Engineering, NIT Calicut

Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Solid
Types of Analysis / Testing	Materials science
Faculty In-Charge Name / Email / Contact	Dr.George K Varghese / gkv@nitc.ac.in / 9744341214 & Dr. Bhaskar S / bhaskars@nitc.ac.in / 9742720843
Technical Staff Name / Email / Contact	Amardip Kumar Vishvakarma / amardeepvns786@gmail.com
Location of Instrument	Environmental Engineering Research lab
Other Details	

User Charges

S.NO.	Type of Analysis / Testing	Internal - within Department of NITC	Internal - Other Departments NITC	External Academic Educational Institutes	National R&D Labs	Industry
1	Powder / Solid	300 per sample	300 per sample	600 per sample	600 per sample	1200 per sample

Slot Booking and Payment Work Flow: