

Department of Civil Engineering, NIT Calicut

SERVO CONTROLLED CYCLIC TRIAXIAL TESTING APPARATUS WITH PNEUMATIC ACTUATOR

Photo of Instrument:



Instrument Name	Servo Controlled Cyclic Triaxial Testing Apparatus with Pneumatic Actuator,
Instrument Model & Serial No.	Model: HS28.630 & Sr no. 1505188
Instrument Make	HEICO
Category of Instrument	Characterization and Testing
Description of Instrument	Sinusoidal axial loading with frequency up to 5 Hz.
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	Maximum dynamic load 5kN. Frequency – 1 to 5 Hz. Displacement controlled system. Sample size 38mmx76mm
Application of Instrument (Limited to Major 4 or 5)	Soil dynamics only
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Soil samples with size 38x76mm
Types of Analysis / Testing	Soil testing
Faculty In-Charge Name / Email / Contact	Dr. Renjitha Mary Varghese, renjitha@nitc.ac.in
Technical Staff Name / Email / Contact	Ajith Augusthy, ajithaugusthy@nitc.ac.in, 9744816620

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Location of Instrument	Geotechnical Lab
Other Details	Contact technical staff

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	Soil	2000/Sample	3000/Sample	9000/Sample	9000/Sample	15000/Sample

Slot Booking and Payment Work Flow: Contact the faculty in-charge