

LASER SCANNER

Photo of Instrument:



Instrument Name	Laser Scanner
Instrument Model & Serial No.	HP/L/8.9
Instrument Make	Hexagon Metrology
Category of Instrument	Characterization and Testing
Description of Instrument	To measure coordinate points and other form errors.
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	Accuracy 0.04mm Acquisition rate: 45000p/s
Application of Instrument (Limited to Major 4 or 5)	Coordinate, Roundness, Straightness, cylindricity, Flatness measurements.
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Sample within the dimensional specifications.
Types of Analysis / Testing	Non-contact

Department of Mechanical Engineering, NIT Calicut

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Location of Instrument	Metrology 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	Measurement	nil	Rs. 300/hour	Rs. 500/hour	Rs. 500/hour	Rs. 500/hour

Slot Booking and Payment Work Flow: