

Department of Mechanical Engineering, NIT Calicut

ROUNDNESS TESTER

Photo of Instrument:



Instrument Name	Roundness Tester
Instrument Model & Serial No.	RA-1600M
Instrument Make	Mitutoyo
Category of Instrument	Characterization and Testing
Description of Instrument	To measure form errors.
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	LC: 0.001 μ m Max Load: 25kg Max Probin dia: 280mm Max measurable height: 300mm
Application of Instrument (Limited to Major 4 or 5)	To measure Roundness, Straightness, cylindricity, Flatness measurements.
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Cylindrical finished samples as per specification.
Types of Analysis / Testing	Contact type measurement (stylus)
Faculty In-Charge Name / Email / Contact	Dr. P. B. Dhanish, dhanish@nitc.ac.in, 9207024889; Dr. Mohammed Rashad K, rashad@nitc.ac.in, 9744899126

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Technical Staff Name / Email / Contact	N P Velayudhankutty, npvkutty@nitc.ac.in, 9497158883,04952286440
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: