

5 AXIS CNC COORDINATE MEASURING MACHINE

Photo of Instrument:



Instrument Name	5 AXIS CNC COORDINATE MEASURING MACHINE
Instrument Model & Serial No.	Model-Bright A 504
Instrument Make	Mitutoyo
Category of Instrument	Characterisation/Testing
Description of Instrument	Measurement errors in circularity, cylindricity, concentricity, straightness, coaxiality, flatness, parallelism, perpendicularity, angularity, runout etc.can be determined using this software. Measurement results are available in tabular/graphical form
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	Working Area -638mmx860mm Probe System -HP10T AND HP20 of Renishaw, England Repeatability 3µm Measuring Range X 505, Y 405, Z 405

Department of Mechanical Engineering, NIT Calicut

Application of Instrument (Limited to Major 4 or 5)	Measurement errors in circularity, cylindricity, concentricity, straightness, coaxiality, flatness, parallelism, perpendicularity, angularity, runout etc.can be determined using this software. Measurement results are available in tabular/graphical form
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Metallic/composite/alloys etc.,
Types of Analysis / Testing	Machining
Faculty In-Charge Name / Email / Contact	Dr Jose Mathew 0495 2286405 josmat@nitc.ac.in
Technical Staff Name / Email / Contact	Mr. Unni Krishnan kishan@nitc.ac.in 9495257522
Location of Instrument	DIST- FIST Centre
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	CMM	300/hour	300/hour	300/hour	300/hour	300/hour

Slot Booking and Payment Work Flow: