

Department of Mechanical Engineering, NIT Calicut

MICRO MACHINING CENTRE AND ACCESSORIES

Photo of Instrument:



Instrument Name	MICRO MACHINING CENTRE AND ACCESSORIES
Instrument Model & Serial No.	Model DT-110, LE-311
Instrument Make	MIKROTOOLS Pte Ltd
Category of Instrument	Advanced Manufacturing facility
Description of Instrument	The major facilities available in the micro machining centre are Micro Turning ,Micro Milling, Micro Drilling, Micro EDM, Micro Wire EDM, Micro EDG, Hybrid Machining In-situ Process
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	Travel X-axis :200mm Y-axis :100mm Z-axis:100mm

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	<p>Table Table working surface :350x200mm.</p> <p>Machine Size Height: 1.9m (2.7m with open door).</p> <p>Machine space:1.5m x 1.1m</p>
Application of Instrument (Limited to Major 4 or 5)	<p>Micro Turning ,Micro Milling, Micro Drilling, Micro EDM, Micro Wire EDM, Micro EDG, Hybrid Machining</p>
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	<p>Metals and alloys.</p> <p>Maximum size usually limited 100mm x 100mm</p>
Types of Analysis / Testing	Machining
Faculty In-Charge Name / Email / Contact	<p>Dr Jose Mathew</p> <p>0495 2286405</p> <p>josmat@nitc.ac.in</p>
Technical Staff Name / Email / Contact	<p>Mr. Sanal P R</p> <p>sanal@nitc.ac.in</p> <p>9497186556</p>
Location of Instrument	Micro Machining centre , Production Block
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	Machining	200/hour	200/hour	200/hour	200/hour	200/hour

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Slot Booking and Payment Work Flow: