

CNC DIE SINKING EDM (XPERT 1)

Photo of Instrument:



Instrument Name	CNC Die SiAnking EDM
Instrument Model & Serial No.	Xpert 1
Instrument Make	Electronica
Category of Instrument	Advanced Manufacturing facility
Description of Instrument	CNC Die Sinking EDM machine is a precision tool that uses electric sparks to erode material from a workpiece, creating complex shapes and intricate designs in metal dies.
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	Longitudinal travel (x) - 400mm Transverse travel (y) - 300mm Max permitted load on the table - 1000kg Max electrode weight - 50kg or more without c axis 25kg or more with c axis Max work piece height - 250mm
Application of Instrument (Limited to Major 4 or 5)	Tool and die making Injection moulding Precision component manufacturing Blind cavities Blind keyways Internal splines

Department of Mechanical Engineering, NIT Calicut

Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Conducting Samples only
Types of Analysis / Testing	Machining
Faculty In-Charge Name / Email / Contact	Dr Jose Mathew 0495 2286405 josmat@nitc.ac.in Dr. R. Manu 8547078925 manu@nitc.ac.in
Technical Staff Name / Email / Contact	Mr. Sanal P R sanal@nitc.ac.in 9497186556
Location of Instrument	CNC EDM Centre Production Engineering 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	Machining	200/hour	200/hour	200/hour	200/hour	200/hour

Slot Booking and Payment Work Flow: