**Booking Details**

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| C:\Users\User\Desktop\production equipment\mini dynamo meter.png | **Name of the equipment:**  **MULTICOMPONENT DYNAMOMETER (KISTLER – 9257B)**  MULTICOMPONENT DYNAMOMETER (KISTLER – 9257B)  **Make & Model:**  KISTLER, DYNAMOMETER(9257B)  **I-Stem Registration ID-**  **3224888**  **Category of Instrument**  Advance Manufacturing Centre  **Application:**  Cutting force and cutting moment (6 components) measurements.  **Description of Instrument :** Multicomponent Dynamometer for force and moment measurement during machining |

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| **Book through I-STEM:**  <https://www.istem.gov.in/>  **Slot Booking Link**  [I-STEM Slot Booking link for External User](https://www.istem.gov.in/equipment-info/24888/KISTLER-Dynamometer-9257B-and-accessories) | **Booking available for**  Internal and External Both  **Requisition form for**  Internal  External |

**Contact Details**

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| **Faculty In-charge:**  Dr. Basil Kuriachen  **Email ID:**  [bk@nitc.ac.in](mailto:bk@nitc.ac.in)  **Phone number:**  +91-9947187133 | **Technical Staff:**  Sanal PR (TA SG I)  [sanal@nitc.ac.in](mailto:sanal@nitc.ac.in)  Jithin Krishna M (TA)  [jithinkrishnam@nitc.ac.in](mailto:jithinkrishnam@nitc.ac.in)  Jijeesh k (ST)  [jijeeshk@nitc.ac.in](mailto:jijeeshk@nitc.ac.in) | **Department**  MED  **Office Email ID**  [medoffice@nitc.ac.in](mailto:medoffice@nitc.ac.in)  **Location**  Advance Manufacturing Centre  Production Block  **Lab Phone No**  0495-2286450 |

**Features, Working Principle and Specifications**

**Instrument Technical Description and Major Specifications:**

Range (Fx, Fy, Fz): -5 – 5 kN

Sensitivity (Fx, Fy) : ~ -7.5

Sensitivity (Fz): ~ -3.7 pC/N

**Type of sample Required:** Metallic/composite/alloys etc.

Maximum size usually limited 100mm x 100mm

**User Charges Rs. (GST Extra)**

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| **Internal** | **External Academic Institutes** | **National R&D Lab** | **Industry** |
| 250/- per hour | 250/- per hour + GST | 250/- per hour + GST | 250/ per hour + GST |