**Booking Details**

|  |  |
| --- | --- |
| 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 |

|  |  |
| --- | --- |
| **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** InternalExternal |

**Contact Details**

|  |  |  |
| --- | --- | --- |
| **Faculty In-charge:** Dr. Basil Kuriachen**Email ID:**bk@nitc.ac.in**Phone number:** +91-9947187133 | **Technical Staff:** Sanal PR (TA SG I) sanal@nitc.ac.inJithin Krishna M (TA)jithinkrishnam@nitc.ac.in Jijeesh k (ST) jijeeshk@nitc.ac.in | **Department**MED**Office Email ID**medoffice@nitc.ac.in**Location**Advance Manufacturing CentreProduction 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)**

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