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| C:\Users\User\Downloads\IMG_20250609_105613.jpg  **COMPUTER CONTROLLED HYDRAULIC SERVO 1000KN UNIVERSAL TESTING MACHINE** | **Name of the equipment:**  Computer controlled Hydraulic Servo 1000KN Universal Testing Machine  **Make & Model:**  JINAN WAW1000E  **I-Stem Registration ID-**  **3224877**  **Category of Instrument**  Material Science  **Application:**  Mechanical properties testing (Tensile, compression, bending  **Description of Instrument**  Computer-controlled 1000kN hydraulic servo universal testing machine for versatile material testing (tension, compression, bending, etc.) |

**Booking Details**

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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/24877/Computer-Controlled-Hydraulic-Servo1000-kN-Universal-Testing-Machine--UTM-) | **Booking available for**  Internal and External Both  **Requisition form for**  Internals  Externals |

**Contact Details**

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**Features, Working Principle and Specifications**

**Instrument Technical Description and Major Specifications:**

Max. load: 1000kN

Load range: 0-100kN, 0-200kN, 0-500kN & 0-1000kN

Control Mode & precision: Load rate, stress rate, displacement rate, strain rate control, load hold mode (short duration) & 1%

Displacement resolution: 0.01mm

Piston speed: 0.5 – 80 mm/mi

**Type of sample Required:** As per Standard

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

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| **Internal** | **External Academic Institutes** | **National R&D Lab** | **Industry** |
| 350/- per sample | 1000/- per sample + GST | 1000/- per sample + GST | 2400/- per sample + GST |