

# MECHANICAL LABORATORY



## PILLING TESTER:

To determine the **pilling formation** on the **surface of the fabric**.



**DRAPE METER:**

To determine the **Drapaebility (fall) of the fabric.**



## **BURSTING STRENGTH TESTER – CAPACITY 30 KGF/CM<sup>2</sup>**

To Determine the **Bursting Strength** of :-

- Corrugated Packing Boxes
- Netting Mosquito Fabrics



## UNIVERSAL TENSILE MACHINE – CAPACITY 1000 KGF

To Determine the **Tensile Strength** of :

- FABRICS
- TAPES
- CORDAGES
- PLASTIC SLIDE FASTNERS



## ELECTRONIC TENSILE STRENGTH MACHINE – CAPACITY 5000 N

To Determine the **Tensile Strength** of :

- FABRICS
- TAPES



**FABRIC TENSILE STRENGTH MACHINE – CAPACITY 2300 N**

To Determine the **Tensile Strength** of :

- FABRICS
- TAPES





**YARN STRENGTH TESTER – CAPACITY 100N**

To Determine the **Breaking Strength** of the **Sewing Threads**.



## LAB CONDITIONER

To conditioning the Textile samples as per the specified Temperature & Relative Humidity as per the recommended timings.





**DIGITAL YARN STRENGTH TESTER – CAPACITY 25 KGF/250 N**

To Determine the **Breaking Strength** of the yarns.



## BURSTING STRENGTH TESTER – CAPACITY 70 KGF/CM<sup>2</sup>

To Determine the **Bursting Strength** of :-

- Corrugated Packing Boxes
- Netting Mosquito Fabrics



### **HEAT RESISTANCE TESTER FOR ZIPPERS:**

To determine the **Resistance to heat of Plastic Slide Fasteners (ZIPPERS)** against specified temperature.



### **ABRASION RESISTANCE FOR ZIPPERS:**

To determine the **resistance against the abrasion** of **Plastic Slide Fasteners** by using emery papers.