

# CSI-267: Taber Abrasion Tester

Suitable for

- ✓ Paper
- ✓ Cloth
- ✓ Plywood
- ✓ Carpet
- ✓ Glass
- ✓ Rubber
- ✓ Plastic Materials



## BENEFITS

- ✓ User Friendly Keypad Interface
- ✓ Low Maintenance
- ✓ Accurate and Repeatable Test Results
- ✓ Plug and Play

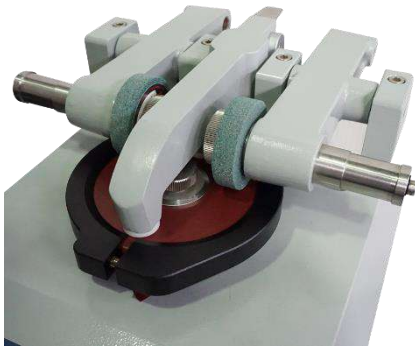
## PRODUCT DESCRIPTION

The CSI-267 consists of

- ✓ one specimen clamping disk
- ✓ two grinding wheels
- ✓ two vacuum nozzles

The specimen clamps above the disk have two wheels that allow the user to select different weights on specimens. The grinding wheels have a diameter of 50mm and a width of 13mm. The test cycle is selected by the user to begin testing. The pick-up nozzle system is continually removing all debris and abrasive particles during test.

The CSI-267 can be used for a wide array of materials such as paper, cloth, plywood, carpet, glass, rubber and plastic materials, etc.



### THEORY OF OPERATION:

The user selects a specified grinding wheel with a specified load to rub the specimen surface. After a predetermined time, the specimen is evaluated according to the conditions of the surface after test, and ratio of the abrasion endurance characteristics. The weight difference is measured after testing and records it as abrasion level.

## TECHNICAL DATA

### Standard Features

- Keypad Interface
- 250g Arm Weight
- Digital LCD Display
- Automatic test stop
- Accessories included: vacuum cleaner x1, specimen cutter x1, wrench x1, sand paper x10, specimen fixed frame x1

### Specifications:

Disk Speed:	1 to 100 RPM (adjustable)
Digital Counter Display	1 - 999999
Supported Specimen Size	110 mm diameter with a 7.5mm center hole
Supported Specimen Thickness:	1 to 6 mm
Wheel Center Distance:	63.5 mm
Standard Arm Weight:	250 lbs.
Electrical Configuration:	120/220VAC, 50/60 Hz, 1 Ph
Warranty:	1 Year Manufacturer's Warranty
Technical Support	Lifetime

### Optional Features and Accessories

- Grinding Wheels per customer requirements
- Auxiliary Arm weights for 500g and 1000g

### Physical and Shipping Dimensions:

Approx. Physical Dimensions:	22" x 15" x 19"
Approx. Physical Weight	65 lbs.
Approx. Shipping Dimensions	28" x 21" x 25"
Approx. Shipping Weight:	120 lbs.

### Applicable Test Standards:

- ASTM D3884
- ASTM D1044
- ASTM D3884
- ASTM D1175
- ASTM D4060
- TAPPI T476
- ISO 5470-1
- ISO 9352