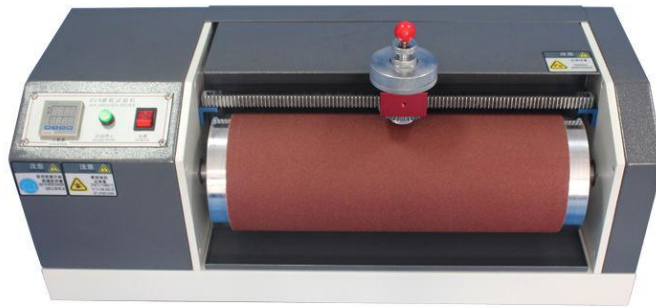


## HST-RD DIN53516 ISO4649 Rubber DIN Abrasion Tester



*Picture is for reference only*

### Application:

It's to determine the abrasion resistance elastic material, rubber, tires, convey belt, transmit belt, sole, synthetic leather, leather and others. The abrasion resistance is assessed by measuring the abrasion loss after the specimen is rubbed against sandpaper.

### Standards:

**DIN ISO 4649:2006-11 (E). Rubber, vulcanized or thermoplastic - Determination of abrasion resistance using a rotating cylindrical drum device.**

ASTM D5963 - 04(2010)e1 Standard Test Method for Rubber Property—Abrasion Resistance (Rotary Drum Abrader).

### Technical Parameters:

|                           |                                 |
|---------------------------|---------------------------------|
| Weight                    | 2.5±0.1N; 5±0.1N; 10.0±0.2N     |
| Specimen Size             | Diameter 16mm, thickness 6~16mm |
| Diameter of wear wheel    | 150mm                           |
| Speed of wear wheel       | 40 ±1RPM                        |
| Emery cloth Specification | 60 #, 425 ±473 ±1.5 (mm)        |

|                         |                                  |
|-------------------------|----------------------------------|
| Testing Length          | 40M (about 84 rotate)            |
| Horizontal displacement | 4.2mm / rotate                   |
| Test-arm weight         | 250 ± 5 (g)                      |
| Shift screw             | 6 teeth / inch                   |
| Limit rotation          | 85 rotate                        |
| Set rotation            | 84 rotate (about 40M)            |
| Return form             | Electric automatic reset         |
| Power                   | AC220V 50HZ                      |
| Machine Dimensions      | 600 ±330 ±420 (mm)               |
| Machine Weight          | AC220V, 50Hz (Specified by user) |