

# RUB RESISTANCE TESTING MACHINE

## (700-102-50)



### FEATURES

- The sample is subjected to Continuous bending. Then the bent portion will be subjected to a series of flexing and rubbing, and observe the wear pattern of sample visually.
- This Tester is evaluated the resistance to combined shear flexing and rubbing of rubber or plastics-coated fabrics.
- Standards: ISO 5981
- Supplied with ISO 17025 Calibration Certificate



### APPLICATION

- Method 1: Forced by application of a pressure foot. And the sample is damaged by the friction of the platen. Thus testing resistance to combined shear flexing and rubbing. It is for materials with sticky surfaces, light coatings such as polyurethanes on rough surfaces.
- Method 2: Rubbing is caused by simple contact between the faces of the test pieces. Then evaluate the resistance to combined shear flexing and rubbing coated samples.

### SPECIFICATIONS

- Distance between clamps: 12 mm $\pm$ 0.3 mm
- Amplitude of movement: 40 mm $\pm$ 1 mm
- Test speed: 144–180 times/min (2.4–3.0 Hz)
- Pressure foot size: (100 $\pm$ 1)  $\times$  (10 $\pm$ 0.2) mm
- Load applied through foot: 5 $\pm$ 0.1 N or 10 $\pm$ 0.2 N (with supplementary load)
- Sample size: (100 $\pm$ 0.25)  $\times$  (50 $\pm$ 0.25) mm
- Power supply: AC 220V, 50 Hz

### STANDARD DELIVERY

- Rub Resistance Testing Machine
- Standard load weights
- Operation manual (English)
- ISO 17025 Calibration Certificate