

## Product presentation



## Application

This machine is used to test the abrasion resistance for shoelace of cotton, hemp, chemical fiber or other materials.



## Principle

Take two shoelace, mutually hook in the middle. Clamp the both ends of the shoelace at the movable fixture of shoelace rubbing tester, which can make reciprocating linear motion; clamp one end of the other shoelace on the corresponding fixed fixture and another end of the shoelace round by a fixed pulley and hanging the a weight. Make the two shoelace abrasion each other by reciprocating linear motion. Then check the wear resistance, when the machine run up to pre-set times, the machine stop.



## Key Specification

|  |  |
|--|--|
| Model  | GT-KC02  |
| Test position                                      | 4 groups   |
| Control  | Touch-screen control, 0~999,999                                    |
| Min. Separation between movable and fixed fixtures | 280 ±50 mm   |
| Movable fixture stroke                             | 35± 2 mm   |
| Test speed   | 60 ± 6 cycles/min  |
| Profile board                                      | Angle 52.5degree; Length120 mm                                     |
| Stainless metal strip                              | W: 25mm, L: 250mm  |
| Weight   | 250 ± 3g   |
| Power supply                                       | 1 φ AC 220V 50/60HZ  |
| Dimensions ( L x W x H )                           | 66 x 58 x 42cm   |
| Weight   | 50 kg  |
| Standards  | DIN 4843<br>SATRA TM 154<br>ISO 22774<br>QB/T 2226<br>GB/T 3903.36 |

## Accessories

|                       |          |                       |
|-----------------------|----------|-----------------------|
| Standards accessories | 4pcs     | 250g Weights          |
|                       | 4pcs     | Stainless metal strip |
|                       | 4pcs     | Clip                  |
|                       | 1 pc     | Sample loading gauge  |
|                       | 1 pc     | Power line            |
| Optional accessories  | Optional | Standard eyelet       |