

## Ross Flexing Apparatus / FlexTester



### Product instruction

Install the sole strip test specimen on the ROSS bending tester so that the cut falls just above the center of the rotating shaft of the ROSS bending tester. The ROSS bending tester drives the test specimen to bend freely  $90^\circ$  on the axis. After a certain number of tests, measure the length of the cut of the test specimen and evaluate the bending resistance of the test sole based on the size of the cut growth rate.

### Standard:

ASTM D1052, ISO 5423, SATRA TM60, GB/T20991-2007

### Technical data:

| Parameter Item        | Specification                      |
|-----------------------|------------------------------------|
| Quantity of Specimens | 12 specimens tested simultaneously |
| Bending Angle         | $(90\pm 2)^\circ$                  |
| Winding Speed         | $(100\pm 5)$ cpm                   |
| Mandrel Diameter      | $(10\pm 0.05)$ mm                  |
| Overall Dimension     | 60×48×45 cm                        |
| Net Weight            | Approx. 58 kg                      |
| Power Supply          | AC220V, 2000W                      |

# FOCUS IN MATERIAL TEST

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