



## Zipper Life Tester

### Description

Zipper Tester, also named Zipper Reciprocating Fatigue Tester, is designed to determine the resistance to reciprocation of the zipper (slide fastener), the test specimen is subjected to a specified number of cyclic operations whilst under lateral and longitudinal tension. Zipper Tester complies with EN 16732-5.7, QB/T 2171, etc. Please contact us for more information about the pull test procedure.

### Application

Zipper Reciprocation Fatigue Tester, is designed to determine the resistance to reciprocation of the zipper (slide fastener), such as a metallic zipper, coil zipper, nylon zipper, and plastic zipper. When carrying out the zipper test, the test specimen is subject to a specified number of cyclic operations whilst under lateral and longitudinal tension.

The Zipper Tester catches the head of the zipper to do the reciprocating movement at a constant speed for 30 times per minute. The tester automatically stops the test when the counter reaches a specified number of times. Equipped with a sensor, the machine will stop automatically before the zipper is broken.

### Test Method

- 1- Prepare test apparatus and zip specimens (250mm or more) according to standard requirements at first.
- 2- Rub the front and back side of the zip specimen with paraffin wax several times respectively.
- 3- Check the tester so that the pull tab jig remains in the lower position and fix the zip.
- 4- Apply different loads to different zips according to the standard.
- 5- Start the tester and complete the specified number of passes or until the specimen breaks, then record the test results.

### Specifications

- According to BS 3084
- Spring balances of 100N and 50N
- Speed of 30 cycles/minute
- Digital cycle indicator

[BS 3084 Slide fasteners \(Zips\) â€™ Test for Resistance to Reciprocation / Testing Equipment](#)

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