



The market for disposable hygiene products has increased rapidly in the last years. For producers of nonwoven consumer products it is therefore becoming more and more important to test the compatibility of their products with various wastewater treatment systems. One criterion for a product to be called flushable is to which degree the product settles in various parts of the wastewater system. The corresponding test is the column settling test.

The column settling test can be carried out in a reproducible and automatic way by using Lenzing Instruments tester **FLUSH 100**.

The robust and easily operated instrument tests the dissolvability of nonwoven products, i.e. the decay tendency of the product.

FLUSH 100 tests the dispersability of up to four samples simultaneously by rotating them in a test liquid a preset number of times. Thereafter the size of the residual fragments are analysed by means of a sievebox.

Scope:

Device for testing the dissolvability of hygienic products in the waste water system; the so called column settling test.

Method:

The sample is put into a closed plastic tube containing a known amount of test liquid. After a preset number of rotations, the size of the residual fragments are analyzed by means of a sievebox. Up to four samples can be tested simultaneously.

Results:

When the test is finished, the filter analysis is carried out according to the respective laboratory guidelines.

Number of sample tubes:

There are 4 sample tubes for up to 4 samples to be tested simultaneously

Power supply:

230 / 115 VAC \pm 10 %,
50 / 60 Hz

Dimensions:

Height: 660 mm
Depth: 840 mm
Width: 630 mm
Weight: approx. 45 kg

Length of sample tube:

500 mm

Samples per test:

Max. 4 pcs.

Operation:

Periodical

Diameter of sample tube:

70 mm

Sievebox:

2 sieveboxes and 4 sieve inserts are included



Technical data and pictures are subject to change!

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