

RANDOM TUMBLE PILLING TESTER

TYPE RAN-B

GENERAL DESCRIPTION

Laboratory random tumble pilling tester with four chambers lined internally with cork sheets, provided with timer.

Each chamber has an axis with impellers as well as air injection according to norm to keep the samples moving.



TECHNICAL DATA - TYPE RAN-B

Number of samples	12 (3 in each compartment)
Impeller rotation speed	1200 rpm
Timer	up to 99 min and 59 s
Compressed air injection	14 - 21 kPa (2 - 3 Psi)
Power	0,5 kW
Electric feeding	1 x 220 V + T
Dimensions	W 46 x L 37 x H 52 cm
Weight	43 kg

ADDITIONAL INFORMATION

Random tumble pilling tester to check pills on textile samples due to physical friction in cork chambers, according to ASTM D 3512-99a norm.

The textile samples are kept (dry) in the cork lined chambers. Rotating impellers made of stainless steel inside each chamber keep samples moving inside the chambers, causing abrasion on its surface.

Beside the impellers there is a normalized air pressure injection to increase the movement of the samples.

Equipment used to analyze the formation of pills due to abrasion caused by random pilling as well as eventual damages on textile sample surface.

Time of each test is programmable. Alarm indicates end of the test.

Equipment needs compressed air.



4 chambers
diameter 146 mm
Norm ASTM D 3512 - 99a

Accessories:

40 cork liners 15cm x 45cm



set of 5 photographic standards
ASTM 3512

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