
BRANCA ABRASION TESTER 66



This instrument is used to analyse the abrasion resistances and pilling of fabrics and other materials. Bristle and nylon brushes, abrasive cloth or fabric are employed as abrasive holder, according to the kind of tests required for abrasion testing. For pilling test use fabric only.

Continuous and / or alternated rotation in the clockwise and anti-clockwise running directions, with starting and stopping times scheduled, this to avoid orientation sample fibres in only one direction and simulate working conditions more closely.

The vertical position of the system allows the falling down of most abraded material so that tested sample surface results not influenced.

A device is fitted to maintain the fabric in tension automatically if sample stretch out.

Abrasive assessment is made by dynamometric test between abraded and no abraded strips, appearance, loss in weight, thickness and by number of "pills" per unit area.

TECHNICAL SPECIFICATIONS:

<u>Test pressure:</u>	0 - 125 gr/cm ² 0 - 250 gr/cm ² (2500 gr.)(5000 gr.)
<u>Pre-setting of revolution number:</u>	by means of electrical meter that stops when test is over
<u>Working speed:</u>	35 +/- 2 r.p.m. of the main gear plate 60 +/- 2 r.p.m. of the planetary gear abrasive plate
<u>Specimen dimensions:</u>	175 x 500 mm.
<u>Planetary gear surface:</u>	20 cm ²
<u>Selection of start and stop times:</u>	0 and 10 sec. 0 and 50 sec. 0 and 100 sec.
<u>One phase supply:</u>	voltage to be specified
<u>Dimensions:</u>	450 x 200 x 440 mm.
<u>Net weight:</u>	50 Kg.



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