

Washability tester LR2300

PRODUCT

NEURTEK's LR2300 washability tester performs an abrasion and washability test on coated panels to define the resistance of paint, varnish or related products to scratching, wearing and colour loss due to wet or dry abrasion. Simulating everyday wear from cleaning actions or general use.

The test is either used as a "pass / fail" test by testing to a specified number of strokes or defining the minimum number of strokes at which a coating fails by checking at regular intervals.

The test confirms whether your paints, varnishes and coatings are fit for their purpose.

The LR2300 is suitable for a wide range of scrubbing, abrasion and washability tests according to the ASTM, ISO and DIN international standards.

Compact unit equipped with 2 test beds and a dosing pump, allowing tests to be carried out in a small space.

Easy operating interface. The equipment is driven by an electric motor controlled that allow precise and constant control of the speed.

Intuitive to use thanks to a selector switch and a multilingual menu on a large display.



BUSINESS and STANDARDS

Coating industry, industrial finishing, laboratory, detergent industry.

ISO 11998, DIN 53778, ASTM D2486, ASTM D4213, ASTM D4828, ASTM D3450, ASTM F1319, ISO 105X12, Renault D431010, GME 60269, ECCA T11, EN 13523-11, EN 60730-1 y EN 13300. Look up the appropriate standard for a correct execution of the test.

FEATURES

- Complies with ASTM, DIN and ISO standards with their respective accessories.
- Linear back-and-forth motion over the travel distance and at constant speed for comparative results.
- Compact design.
- Intuitive and easy to use menu.
- Equipment has capacity for 2 brushes.
- User selectable travel speed.
- Programmable stroke: 300 mm.

SPECIFICATIONS

Dimensions (L x W x H):	600x285x190 mm.
Control:	Electronic dial with 5-key navigation buttons.
Display:	480 x 272 pixel TFT panel.
Height with tubes:	300 mm.
Weight:	14.5 kg.
Max. panel width:	165 mm. (the 2 tracks)
Max. panel thickness:	5 mm.
Max. panel length:	430 mm.
Pump flow rate:	0.0 - 3.0 ml/min.
Max. test length:	300 mm.
Displacement speed:	20 - 45 cycles/min (up to 60 depending on test length).
Power supply:	220 V 50 Hz
Working voltage:	24 VDC (with supplied power supply)
Power consumption:	max. 60 W
Menu languages:	English, Spanish

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ORDERING INFORMATION

0239000 Washability tester LR2300
(2 tracks with dosing pump)

ACCESORIES

Brush

Reference	Description
0239001	Abrasive brush set according to ISO 11998
0239002	Nylon brush set according to ASTM D2486
0239003	Sponge brush set according to ASTM D4213-92 / D4828
0239004	Boar bristle brush set according to DIN 53778
0239011	Scouring pad, ISO 11998
0239012	Nylon bristle brush, ASTM D2486
0239013	Sponge, ASTM D4213-92 / D4828
0239014	Boar bristle brush, DIN 53778

Leneta test charts

Reference	Description
0301002	Leneta plastic scrub panels P121-10N
0301003	Leneta plastic scrub panels P131-10N
0226061	SC2 aqueous dispersion for ASTM D2486, D4213 and D3450

