

nk
BY NEURTEK

Quality control instruments for coatings



ADHESION

NK2000 Cross Cut Tester



ISO 2409, ASTM D3359, DIN 53151

It determines the capacity of a coating to resist adhesion or separation from a substrate when cut. It has an ergonomic handle that makes it easy to grip and position for cutting.

Each cutter wheel consists of 8 cutting faces. When one face is worn out, rotate the cutting wheel to the next face.



KN10 Pull-Off Tester



ISO 4624, ASTM D4541

It's an electronic mechanical pull off tester with a digital display for performing adhesion tests on paint coatings, galvanic layers and construction materials, using dollies of 20 mm and 50 mm diameter respectively.



NK2400 Multifunction plate



ISO 2409, ASTM D3359 (X-cut), ISO2808

Multifunctional template that allows for tests such as adhesion by cross cut with cutting distances of 1mm, 1.5mm, 2mm, 3mm, X-cut, wet film thickness from 50 to 500 microns, progressive film application, leveling test.



RESISTIVITY

R45 Resistivity meter



ASTM D 5682

Essential for optimizing electrostatic painting operations, reducing paint waste, and ensuring efficient paint usage. Features internal auto-scaling for accurate resistivity measurement across all ranges.



HUMIDITY

CM1700 Concrete moisture meter



Ideal for quickly testing humidity on large concrete floors or structures that will be painted or wood flooring installed.



GLOSS, OPACITY & HAZE

NK-Gloss NK-IQ

60° and 20/60/85°
Glossmeters.

Gloss, Haze, DOI –
Orange Peel.



FLEXIBILITY

CT15 Cupping tester

ISO1520

Measures coating resistance to deformation with smooth operation and digital precision (0.01 mm). Required in Qualicoat, QIB, and GSB labs.



Conical & Cylindrical mandrels · Bend Tester

Evaluates the elasticity, adhesion, and elongation of coatings on metal sheets in a single test. Adjustable design ensures precise and uniform bending across different mandrel diameters.



HARDNESS

PHT Pencil hardness tester

ISO15184, ASTM D3363

Reliable method to assess coating hardness using graded pencils from 6B to 6H.

The pencil lead is prepared and applied with uniform pressure at a fixed angle, determining the hardest pencil that does not damage the coating.



HPS Hardness test kit

Portable instrument for measuring hardness and scratch resistance on coatings, plastics, and more.

Uses a tungsten carbide tip (diameter 1mm, 0.75mm or 0.5mm) with adjustable pressure springs (0-3N, 0-10N or 0-20N).

Suitable for flat and curved surfaces.



Persoz & König Pendulum hardness tester

Measures coating hardness by counting pendulum oscillations (Persoz: 12°, König: 6°). Equipped with a Persoz, König or both. Features a draft protection box and remote control for precise testing.

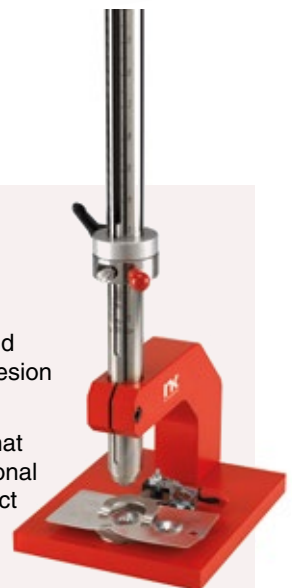


Impact tester

ISO 6272, ASTM D2794, QUALICOAT

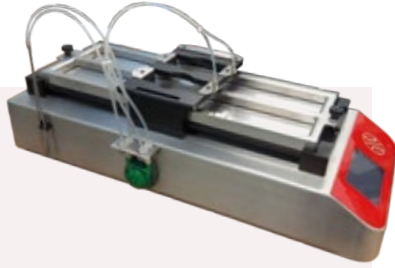
Impact resistance test for coatings, to determine the appearance of cracks and chips, impact resistance, flexibility, adhesion and curing of the coating.

Equipment available with various kits that allow compliance with several international standards by only exchanging the impact masses and rings.



WASHABILITY

LR2300 Washability tester



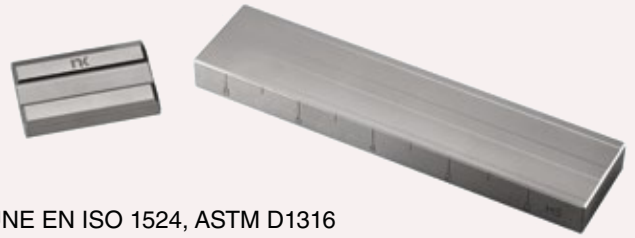
ISO 11998, DIN 53778, ASTM D2486, ASTM D4213, ASTM D4828, ASTM D3450, ASTM F1319, ISO 105X12, Renault D431010, GME 60269, ECCA T11, EN 13523-11, EN 60730-1 y EN 13300

Simulates washability, abrasion, and scrubbing resistance of coatings and materials. Adjustable speed, stroke length, and load ensure precise and repeatable testing according to international standards.



FINENESS OF GRIND

Hegman & Precision grindometer



UNE EN ISO 1524, ASTM D1316

Determines particle size and dispersion in paints, varnishes, and inks. Made of hardened, rust-proof stainless steel (AISI 420) with micron and Hegman scales graduation for precise measurement.



DENSITY

Pycnometer



UNE EN ISO 2811,
ASTM 1475

To determine the specific gravity of paints, inks, pastes, adhesives, etc.

Produced in high grade of stainless steel.



Leveling & Sagging tester



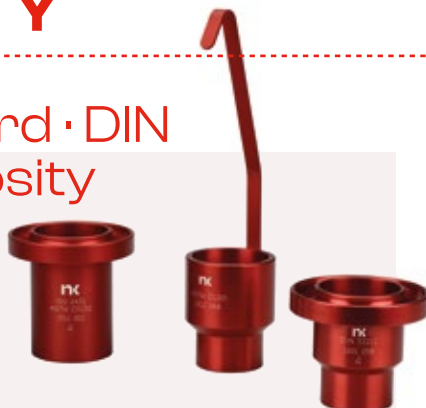
UNE 48043,
UNE 48068,
ASTM D-4400

For checking sag resistance and leveling of inks and coatings. Made of high grade quality stainless steel.



VISCOSITY

NK ISO · Ford · DIN Zahn viscosity cups



ISO 2431, ASTM D1200,
DIN53211, ASTM D4212, ASTM D1084

For easy and practical measurement of the viscosity of paints, inks, lacquers and other liquids. Manufactured in anodized aluminium with stainless steel nozzle insert for increased durability.



Temperature control jacket for viscosity cups



Double-jacketed anodized aluminium housing with a built-in spirit level to bring the viscosity cup to the required temperature with cooled and heated liquids.

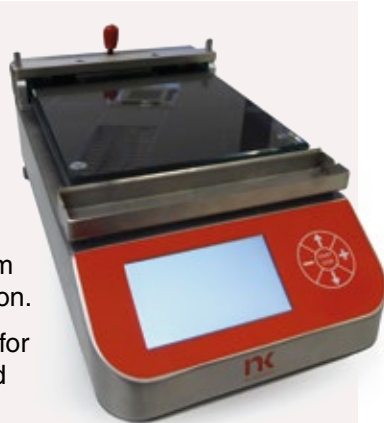


FILM APPLICATION

ATX Automatic film applicator

The motorised automatic film applicator guarantees linear movement and film application with high quality and repeatable results. It allows for uniform and reproducible application.

Compact device, it allows for configuration of speed and application length.

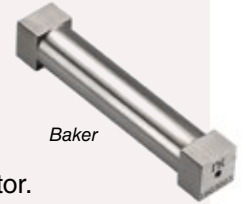


Manual film applicator



ASTM D823, ASTM D3022, ASTM D3823

Manual applicators can be used manually or with the automatic applicator. Available in different sizes and heights, they are made of high-quality stainless steel.



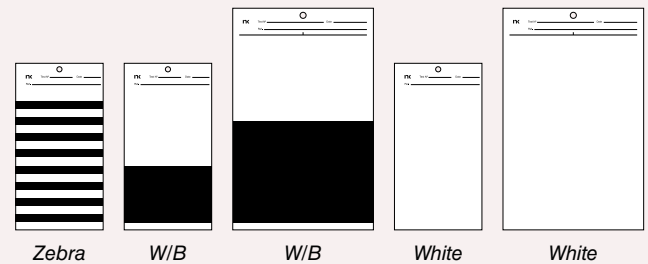
Film application table



Designed to draw down sample coatings on test charts with a high degree of reproducibility.



Test charts

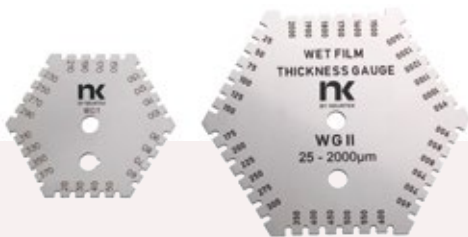


Simple contrast cardboards, for visual checks or with total opacity, with normal UV component and with enamel.



THICKNESS

COMB



Hexagonal Wet Film comb, made of durable stainless steel for measuring wet coating thickness.

Features precision-graded teeth on six edges; Essential for quality control and optimizing coating application before drying.



WHEEL



A wheel-shaped thickness gauge made of stainless steel to check thickness of fresh and wet film.





Download the
full catalogue

Coating Quality Control Instruments

- 45 years of experience
- Made in Europe
- Own Technical Assistance Service
- ILAC Calibration Laboratory-ISO 17025



Join
our official
distributor network.

Technical Assistance Service.

Whenever you need it!

+34 943 82 00 82
info@neurtek.com
www.neurtek.com