PosiTest® CH
Cross Hatch Adhesion Tester

Determines a coating's ability to resist separation from a substrate when a lattice pattern is cut into the coating in accordance with ISO 2409 and ASTM D3359

Features...

- Includes all tools and accessories required for cross hatch testing in accordance with ISO 2409 and ASTM D3359
- Ergonomic tool handle with non-slip grip provides comfortable all-day use
- Pivoting cutting head ensures proper positioning and equal pressure across the cutting surface
- Easy to replace, high-grade hardened steel blade with 4 cutting edges for longer testing
- Ideal for coatings up to 250 µm (10 mils) depending on blade and Standard
- Wide range of 4-in-1 cutting blades available for different Standards, coating thicknesses, and substrates. Tool is compatible with all DeFelsko cutting blades.
- Illuminated Magnifier available with 3x or 10x magnification depending on Standard
- Brush included to remove any detached flakes from the coating
- Choice of adhesive tape conforms to ISO 2409 or ASTM D3359
- Durable hard shell case keeps contents secure

4-in-1 Cutting Blades
Each blade features 4 cutting edges, 2 on each side.

Kit Options...

PosiTest *CH Cross Hatch Adhesion Test* is offered in 5 kits—3 in accordance with ISO 2409 and 2 in accordance with ASTM D3359

Use the tables below to select the appropriate blade based on the Standard and the thickness of the coating to be tested.
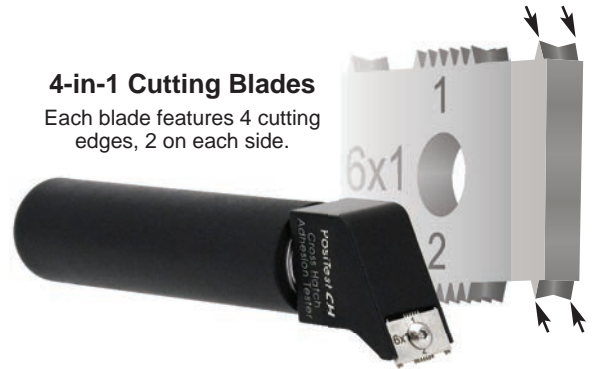
ISO 2409				
Coating Thickness		**Specified Blade** (Spacing/# of Cuts)	**PosiTest CH Cross Hatch Adhesion Tester Kit**	**4-in-1 Replacement Blades**
µm	mils			
0 - 60	0 - 2.3	1 mm / 6 Teeth*	CHKITISO6X1	CHBLADE6X1
61 - 120	2.4 - 4.7	2 mm / 6 Teeth	CHKITISO6X2	CHBLADE6X2
121 - 250	4.7 - 9.8	3 mm / 6 Teeth	CHKITISO6X3	CHBLADE6X3

* For soft substrates (e.g. wood and plaster), use 2 mm / 6 Teeth for coating thicknesses between 0 - 120 µm (0 - 4.7 mils)

ASTM D3359				
Coating Thickness		**Specified Blade** (Spacing/# of Cuts)	**PosiTest CH Cross Hatch Adhesion Tester Kit**	**4-in-1 Replacement Blades**
µm	mils			
0 - 50	0 - 2	1 mm / 11 Teeth	CHKITASTM11X1	CHBLADE11X1
51 - 125	2 - 5	2 mm / 6 Teeth	CHKITASTM6X2	CHBLADE6X2

Each Kit comes complete with cross hatch tool, 4-in-1 blade, magnifier—3X (ISO) or 10X (ASTM), adhesive tape—ISO or ASTM, brush, scissors, 3/32" hex key, ISO/ASTM classification reference chart, instruction manual, hard shell case

Consumables

Replacement ISO Tape (CHDTISOTAPE)
(1) Roll of ISO 2409 Tape—25 mm wide

Replacement ASTM Tape (CHASTMTAPE)
(1) Roll of ASTM D3359 Tape—25 mm wide

PosiTest CH ASTM Kit

Conforms to ISO 2409/16276-2, ASTM D3359, AS 3894.9/1580.408.4, JIS K 5600-5-6

DeFelsko®
Inspection Instruments

Grupo INL®
EXPERTOS EN MAQUINARIA

Made in U.S.A.