

Cross Hatch Adhesion Tester

This instrument is widely used to evaluate the adhesion of various coatings. A high precise machined wheel presenting 6 or 11 cutting Teeth with various spacing is mounted in a handle. The test is carried out by performing 2 series of crossed cuts at right angle. The obtained lattices is either brushed or cleared with adhesion tape. According to the coatings thickness and the related spacing, the results can be classified with reference to a standard scale. It has long life tool with 8 cutting edges and comfortable wood handle.

Furthermore, all **H&G** cross hatch testers are designed with turnable cutter holder, which is very convenient to cut coatings on curve or uneven surface and ensure to apply a uniform power to cut through the substrate. The Cross Hatch Cutters conform with the requirements of: **BS 3900 E6**, **BS/EN ISO 2409**, **ASTM D3359**, **ASTM D3002**

Main Technical Parameters:

- ★ Eight working side blades: When the blade edge is not sharp enough, users can loosen the boat type nut and top thrust screw to rotate it to achieve a new blade.
 - ★ Multi-cutting blades spacing: 1mm/2mm/3mm
 - ★ The number of square: 25squares/100squares
 - ★ Normal Packing List
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|----------------------------------------|-------------------------------|
| ① Carrying case | ② Cross Hatch Cutter & Handle |
| ③ 1 roll of 3M Scotch Transparent Tape | ④ Brush ⑤ Magnifier |



The turnable cutter holder is convenient to cut coatings on curve or uneven surface



Ordering Information	NO. Of Teeth	No. Of Cutting Edges	Cutter Spacing
HG 101/11	11	8	1mm
HG 101/61	6	8	1mm
HG 101/12	11	8	2mm
HG 101/62	6	8	2mm
HG 101/63	6	8	3mm
HG 102/11	11	1	1mm
HG 102/61	6	1	1mm
HG 102/12	11	1	2mm
HG 102/62	6	1	2mm
HG 102/63	11	1	3mm



Procedure:

- Make a lattice pattern in the film with the appropriate tool, cutting the Substrate.
- Brush in diagonal direction 5 times each, using a brush pen or tape over The cut and remove the special tape.
- Examine the grid area using an illuminated magnifier.