



Cross Hatch Cutter

The Modern Instrument's QFH Cross Hatch Cutter is used for assessing the resistance of paint coatings to separation from substrates when a right angled lattice pattern is cut into the coating, penetrating through to the substrate. It can also be viewed for adhesion between coating layers.

The “Cross Hatch” test has been used widely in various forms in order to assess the adhesion of paint coatings, with either single or multiple cutting edges.

Standards

ASTM D3002	ECCA T6
ASTM D3359-B	ISO 2409
AS 1580.408.4	ISO 16276-2
BS EN ISO 2409	JIS 5600-5.6
AS 3894.9	NF T30-038



Single knife head



Multi-cutting blades

Method of Use

Reference should be made to the relevant National Standard for the detailed test method. The tool should be held with forefinger along the handle, fingertip over and above the cutting edge. The cutter is then carefully and firmly drawn under pressure over the section of coating to be tested to form, by two cross cuts, a square or diamond shaped lattice. The sample area is either given a stiff brushing or (alternatively) adhesive tape is applied, After this, the pattern inscribed is examined in order to define the classification of test results.



Technical Specification

Name		Cross Hatch Cutter				
Model		QFH-1	QFH-2	QFH-3	QFH-4	QFH-5
Cuttier.	No	6	11	6	11	6
	Gap	1mm	1mm	2mm	2mm	3mm



MODERN
INSTRUMENTS



No 18, Xuwang Road, QingPu District Shanghai, China



+86 2159884839



info@moderner.com