

TG 4977

180° Credit Card Peel Jig

This fixture comprises a lower vice action grip and an upper thin plate measuring 130 mm x 80 mm (5.12 x 3.15 in) fitted with a bar and two thumb screws for clamping the peeled laminate into position.

Two razor cuts 25 mm (0.98 in) apart are scored about the centre line along the length of the card. A section of this laminate, measuring approximately 10 mm (0.39 in), is then manually lifted away from the card. This peeled section of laminate is locked against the opposite face of the backing plate using the clamp bar. The card is then swung into a parallel position to the backing plate and the exposed bottom part of the card is clamped in the vice action grip.

The backing plate is driven up by the test machine to perform the 180° peel test.

For other applications, a maximum card length of 60 mm (2.36 in) can be accommodated.

Capacity

200 N (44.96 lbf)

Packaging

Upper plate with clamp bar and lower vice action grip.

Applications

180° peel test on credit cards or other plastic and loyalty cards to test lamination strength.

Specifications

Maximum Capacity:	200 N (44.96 lbf)
Minimum Loadcell:	20 N (4.49 lbf)
Maximum Sample Width:	Typical sample width for a credit card measuring 54 mm x 86 mm (2.13 x 3.39 in) is 25 mm (0.98 in). For other applications, the peeled laminate section may measure up to 60 mm (2.36 in).
Eye End Diameter:	5/8 "
Weight of Top Plate:	0.23 kg
Temperature Limits:	Ambient



SPECIFICATION
SS-MT-6430-0102
January 2002

INTERNET
www.ametek.com
www.lloyd-instruments.co.uk

The fixture shown has been designed for a particular application. Grips for other peel strength applications are available from AMETEK.

AMETEK and CHATILLON are registered trademarks of AMETEK, Inc.
LLOYD INSTRUMENTS, NEXYGEN and ONDIO are trademarks of AMETEK, Inc.

Copyright 2002, by AMETEK, Inc.

LLOYD
INSTRUMENTS™
A trademark of AMETEK Inc.



TEST AND CALIBRATION INSTRUMENTS

UK

Lloyd Instruments Ltd
Forum House
12 Barnes Wallis Road
Segensworth East, Fareham
Hampshire, PO15 5TT

UK

Tel: +44 (0)1489 486 399
Fax: +44 (0)1489 885 118

America

AMETEK TCI Division
8600 Somerset Drive
Largo
Florida 33773
USA

Tel: +1 (727) 536 7831
Fax: +1(727) 539 6882

Far East

Lloyd Instruments
Far East Representative Office
No7 Sherwood Place
Alexander Heights
6064 Perth
WESTERN AUSTRALIA

Tel: +61 8 9343 5725
Fax: +61 8 9343 5723

France

Lloyd Instruments SA
3 avenue des Coudriers
Zone d'activite de l'observatoire
78180 Montigny-Le-Bretonneux
FRANCE

Tel: +33 (1) 30 57 47 74
Fax: +33 (1) 30 57 50 33

Germany

AMETEK Precision Instruments
Europe GmbH
Rudolf-Diesel-Straße 16
D-40670 Meerbusch
GERMANY

Tel: +49 (0)2159 9136-70
Fax: +49 (0)2159 9136-80

email: general@lloyd-instruments.co.uk
www.lloyd-instruments.co.uk

Information within this document is subject to change without notice.

**ISO 9001
Manufacturer**