

TG 5093

Peel Fixture for Heat Sealed Plastic Film Covers on Food Container

The TG 5093 fixture consists of a small upper spring loaded wedge grip to clamp the film container cover, and a horizontal sliding bed fitted with a 'dish holder'. A mains operated vacuum pump with associated piping and vacuum control valve is used to apply vacuum to the 'dish holder' to retain the food container securely in position during the test. The wedge grip is fitted to the supplied threaded adapter and connected to the upper anchor pin on the load cell. The sliding bed fixture is connected to the lower anchor pin. Once the pump is switched on, the food container sample may be positioned in the holder and the vacuum control valve adjusted so that there is sufficient force to restrain the dish when the plastic cover is peeled off. The sliding bed is positioned so that the loose part of the cover is located below the upper wedge grip. By lowering the moving crosshead, so that the wedge grip is just above the dish, the two levers of the grip may be squeezed together to open the jaws, allowing the edge of the cover to be positioned into the jaws. The levers may then be released and the test carried out.

Capacity

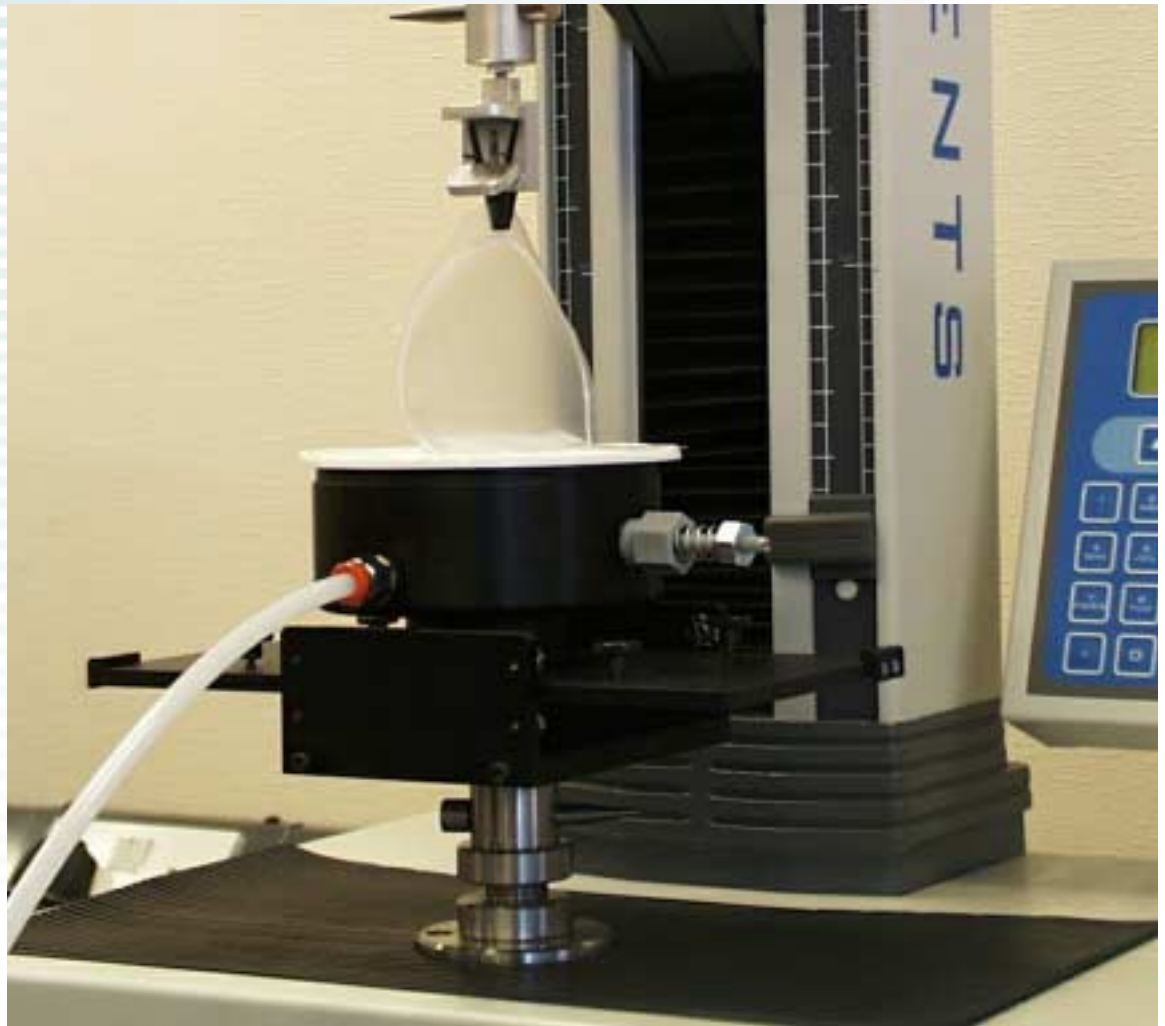
500 N (112 lbs)

Packaging

Upper wedge grip and adapter, sliding bed fixture with 'dish holder' and vacuum pump and piping.

Applications

Ideal for assessing the peel strength of heat sealed film covers on food containers.



SPECIFICATION
CSS-MT-5093-0802
August 2002

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

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

Copyright 2002, by AMETEK, inc.

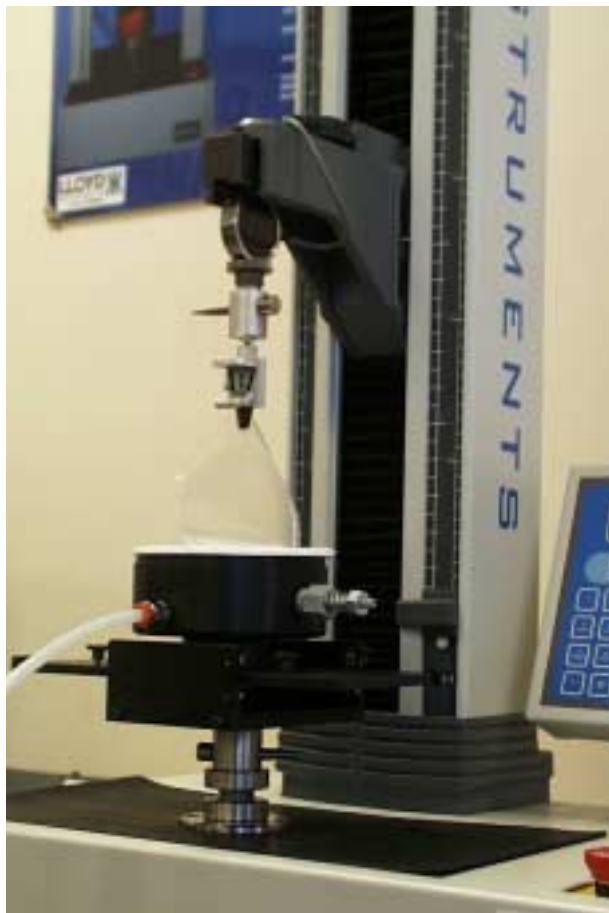
LLOYD
INSTRUMENTS™
A trademark of AMETEK inc.

Specifications

Maximum Capacity:	500 N (112 lbs)
Minimum Loadcell:	100 N (22 lbs)
Sample Diameter:	120 mm (4.724 in)
Eye End Diameter:	5/8 in
Temperature Limits:	Ambient

NOTES:

This peel fixture is fitted with a custom designed dish holder for containers measuring nominally 120 mm (4.724 in) in diameter. Holders may be designed and manufactured to accommodate containers of other dimensions. Please contact your local AMETEK or Lloyd Instruments distributor for further information.



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 (0) 1 30 57 47 74
Fax: +33 (0) 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**