

TESTING ATTACHMENTS FOR **FOOD PACKAGING**

All of the Stable Micro Systems Texture Analyser range may be used for testing the products listed below. A selection of special attachments and typical measurements are also shown which are used commonly in this application area. However they do not represent the entire range of attachments available for the testing of food packaging. Test variations usually fall into (but are not limited to) one of the following categories: compression, puncture/penetration, tension, fracture/bending, extrusion (forward and backward), cutting/shearing.



TA.XTplus
Texture Analyser



TA.HDplus
Texture Analyser



TA.XT2i
Texture Analyser

Typical measurements include:

- Seal Strength**
- Friction**
- Peel Strength**
- Puncture**



Tensile Grips (A/TG)
Used for the assessment of Seal Strength



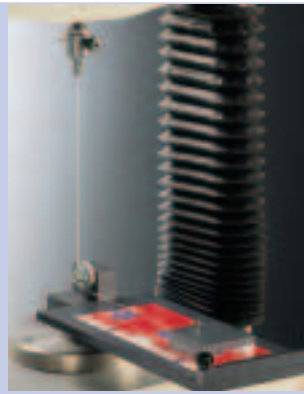
Self-tightening Roller Grips (A/TGT)
Can be used to measure tensile strength of packaging where slippage at the grip face may be a problem



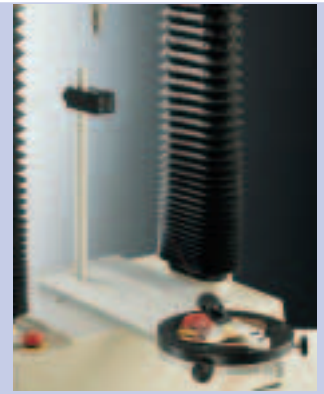
Friction Rig (A/FRC)
Used to assess packaging friction properties



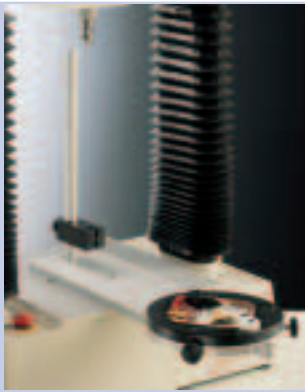
Compression Platen
Used to assess packaging compressive strength



Friction Rig (A/FR)
Used to assess packaging friction properties according to ASTM-D 1894-90



Large Peel Strength Rig A/PL
(45 degree peel action)
Adjustable peel action measurement for e.g. yoghurt, ready meal packaging – pots up to 120mm diameter



Large Peel Strength Rig A/PL
(90 degree peel action)
Adjustable peel action measurement for e.g. yoghurt, ready meal packaging



Small Peel Strength Rig (A/PS)
Measurement of the peel strength of e.g. yoghurt containers – accommodates circular pots up to 80mm diameter



Application Studies are available for the testing of Food Packaging using either the TA.XT2i, TA.XTplus or TA.HDplus texture analysers.

In addition, **Scientific Papers** have been published which reference the use of the TA.XT2i, TA.XTplus and TA.HDplus in the testing of Food Packaging.

Paper titles and citation details are available on our website.

Stable Micro Systems Ltd
Vienna Court, Lammas Road,
Godalming, Surrey GU7 1YL
Telephone: **01483 427345**

www.stablemicrosystems.com

Contact your local **DISTRIBUTOR** for a demonstration and quotation.
Request a **BROCHURE**