

# Solutions@Mecmesin

## Sachet Compression Test

### Specification

To compress six sachets of ketchup or mayonnaise until failure of the packaging occurred. The peak compressive force was required as the test result. The test was deemed complete when a sudden drop in load was detected or release of the sample was evident.

### Solution

A complete system was supplied including fixtures. The compression plate and extension rod were not connected, so giving a self centering capability. A manual stand was used to enable the operator to immediately stop once the test was completed. The fixtures were made of aluminium for easy cleaning after each test. Test results were in the region of 300 - 400N.

### System

- MDD Manual Test Stand
- AFTI Display and Mounting Bracket
- 1000N S-beam Loadcell

### Supplied to

Nichols Food, UK



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## packaging industry



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