

Dome Reversal Tester

DRT-3000DG Buckle Tester with Option for Dome Growth Measurement



The Dome Reversal Tester is a semi-automated buckle tester designed to determine the exact pressure at which the bottom dome of a can begins to buckle.

4 Measurement Tests Available - Including Dome Growth

The Dome Reversal Tester is available in 4 measurement modes, all available with graphical data representation:

- Buckle Test
- Buckle Test and Dome Growth with fixed pressure levels
- Flex Mode: Buckle Test and Dome Growth Test in 0.05 bar increments - Ideal for R&D Laboratories
- Dome Growth Permanent Test - Dome Growth Test only - with fixed pressure levels.

Buckle Force & Dome Growth test results may be read from the tester's digital display, transmitted to a computer via the RS232 computer interface, or analyzed with CMC-KUHNKE's Display IV graphical evaluation software.

The tester uses CMC-KUHNKE's latest Quick-Fill™ Technology. Quick-Fill™ is a unique time saving feature designed to decrease test time while maintaining the accuracy of the test. Testers with Quick-Fill™ can rapidly increase the test pressure from atmosphere to a preset amount. Once at the starting pressure the tester automatically reduces the fill rate in order to maximize accuracy.

The DRT-3000DG features CMC-KUHNKE's new graphical user interface. Color icons and simple menus provide easy navigation through the functions of the gauge - further increasing time savings.

Results are shown on the color touch screen display and may be saved or printed out via serial printer. Results are also available for data transfer either directly into Visionary QC™ or other plant wide data acquisition software.

Product Highlights:

- Robust Design withstands rigors of plant environment
- Graphical representation of data
- Multiple Tests in one compact unit
- Also available for two-piece food cans!

Technical Information:

- **Air Pressure Required:** 10 Bar **Output Interface:** RS232C
- **Marks Allocation:** 1-20
- **Characteristics Measured:** Buckle Force; Dome Growth

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- **Electrical Power Required:** 100-240VAC 50-60Hz
- **Languages:** Available in Many Languages
- **Internal Buffer Memory:** 5000 values

**Pressure amplifiers are available if needed to increase in-house air pressure.*

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