

## VacTest™ VT1100

# Vacuum testing system for wide-mouth and hot-fill containers

• Ensure proper container performance

• Verify container vacuum strength

 Reduce incidences of distorted containers

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VacTest<sup>™</sup> is a tabletop device designed to measure the vacuum resistance of rigid containers. It enables an operator to quickly and easily determine the maximum level of vacuum that a container can withstand before it becomes distorted or fails. VacTest<sup>™</sup> is ideal for hot-fill and similar applications where containers are subject to distortion due to internal vacuum forces.

#### **OPERATING PRINCIPLES**

The VacTest<sup>™</sup> is designed to help verify that bottles designated for hot-fill and non-pressurized applications will perform as required when subjected to vacuum or external forces that are greater than internal bottle pressure. With VacTest<sup>™</sup>, an increasing vacuum is generated inside a plastic container. As the vacuum is increased, it is monitored and displayed on the digital readout. Once the container fails, the peak value is captured and retained.



### **FEATURES**

- Digital pressure meter
- Peak vacuum capture
- Rubber coated test cone for continuous seal
- Wide mouth container compatibility
- RS232 output

#### **BENEFITS:**

- Accurately tests container vacuum strength
- Provides critical information on container strength
- Aids in evaluation of new bottle design
- Simulates vacuum forces a bottle experiences after hot-fill or similar applications
- Helps prevent poor product image due to container distortion

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