

Combi (Volume/Topload Tester)

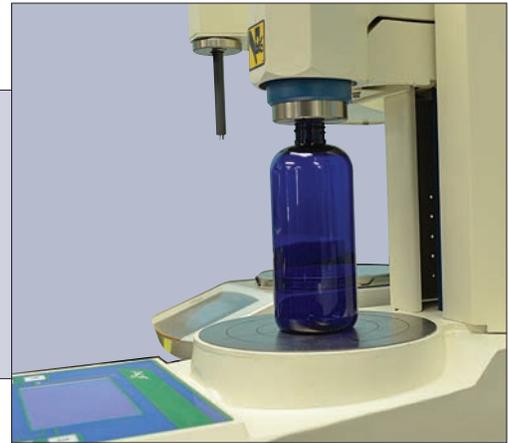


Volume and Topload Testing in a Single Unit

- Integrated volume and topload testing
- Fill height and brimful volume tests in the same operation
- Adjustable topload compression speed, and range

The Combi tester provides automatic measurement of both capacity and vertical strength in one convenient package.

- Integrated volume and topload testing
- Fill height and brimful volume tests in the same operation
- Easy, programmable operation
- Robust, at-the-line design
- Compact footprint
- Selectable volume fill height
- Adjustable topload compression speed, range
- Excellent repeatability and reproducibility
- Low cost = Fast ROI



OPERATION

The operation of the Combi is based on pre-programmed parameter values and measurement modes that are stored in the memory of the unit. Simply select the desired program and place the container into the instrument.

The volume test begins by recording the empty container weight, then fills the container, records water temperature and measures the weight of the filled container. Using the weight and temperature data, the microprocessor calculates actual fill height and brimful capacities.

Activating the topload test causes the compression head to move down at the selected speed. During compression, the load cell transmits a signal to the microprocessor for recording the results.

Data is displayed automatically on the built in LCD display.

STANDARD FEATURES

- ✓ **Numeric LCD Display**
- ✓ **Integrated Scale**
- ✓ **CSV Formatted Data via RS232 Connection**
- ✓ **Emergency Stop Button**
- ✓ **Multiple Test Modes**
 - Volume:
 - **Fill Height Volume**
 - **Brimful Volume**
 - **Fill Height and Brimful Volume**
 - Topload:
 - **Standard max load vs. deflection**
 - **First peak**
 - **All peak**
 - **Process control**
- ✓ **Selectable Units of Measurement**
- ✓ **Water/Density Table**
- ✓ **Auto-Compensation for Ambient Water Temperature and Density**

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