Agr®

Fill Height Tester

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Automated Fill Height Measurement System

- Replace difficult, inaccurate, time-consuming methods

- Increase efficiency by eliminating the need for manual volume measurement

- Measure fill height and brimful volume in one operation

- Improve testing reproducibility and repeatability

The Agr **Fill Height Tester** is a precision testing instrument designed to automate the task of fill height volume and brimful measurements. With the touch of a button, the Fill Height Tester automatically weighs, fills, and precisely measures container volume while compensating for temperature and water density.

- One-step fill height volume testing
- Fill height and brimful volume tests in the same operation
- Easy, programmable operation
- User-defined fill height volume
- Temperature and water density compensation
- Robust, at-the-line design
- Excellent repeatability and reproducibility

OPERATION

The operator selects the desired user-defined program and places the container into the Fill Height Tester. As the test begins, the weight of the empty container is recorded. The container is then filled with water to a pre-determined point (fill height or brimful, based on the mode selected). The water temperature and weight of the filled container are then recorded. Using the weight and temperature data, the actual fill height and/or brimful capacities are calculated. Test data can be read directly on the built-in display or exported through the RS232 port.

The accuracy of the Fill Height Tester meets the requirements of the EU Council Directive No. 75/107/EEC and the ISO Standard No. 8106 within the volume range of 200ml to 4L.

STANDARD FEATURES

✔ **Numeric LCD Display**

✔ **Integrated Scale**

✔ **CSV Formatted Data via RS232 Connection**

✔ **Emergency Stop Button**

✔ **Multiple Test Modes**
- **Fill Height Volume**
- **Brimful Volume**
- **Fill Height and Brimful Volume**

✔ **Selectable Units of Measurement**

✔ **Water/Density Table**

✔ **Auto-Compensation for Ambient Water Temperature and Density**