



## Void Content Apparatus

## **Void Content Apparatus, Fine Aggregate**

ASTM C1252; AASHTO TP33

Used to determine the uncompacted void content of a fine aggregate sample. Indicates the angularity, sphericality, and workability of fine aggregate in a mixture. Includes 100 ml brass cylindrical measure, funnel assembly, funnel stand, and glass plate for calibration.

**Order overflow pan, scoop and strike-off spatula separately.**

### **General Operating Instructions**

These instructions are intended only as a guide to general operation of this device. Please refer to ASTM C1252, AASHTO T 304, or other appropriate test methods for the complete test procedures.

Before conducting a test, the volume of the Cylindrical Measure must be determined. Following the procedure in the test methods, calibrate the Cylindrical Measure by filling with water and placing the included glass plate across the opening.

The hole in the base of 100ml Cylindrical Measure is fitted to the locating lug on the Funnel Stand. A fine aggregate specimen is mixed with a spatula until homogeneous. Cover the bottom opening of the Funnel with a finger, and pour the prepared specimen into the Funnel. Remove your finger from the opening, allowing the specimen to flow freely into the Cylindrical Measure. Use of the H-4940.6 Overflow Pan prevents loss of the overflow portion of the specimen. The H-4906 straight-edged Spatula (purchased separately) is used to strike off the measure when full. The mass of the measure is then determined and the void content is computed using the appropriate formula given in the test methods.

**H-1680A Accessories**

Item	Part No.
Overflow Pan, 12" x 1.5" Aluminum	H-4940.6
Material Handling Scoop	H-3731
Spatula, 6-inch	H-4906
Glass Plate, 4" x 4" x .0375"	H-3049

## **Warranty**

Humboldt Mfg. Co. warrants its products to be free from defects in material or workmanship. The exclusive remedy for this warranty is Humboldt Mfg. Co., factory replacement of any part or parts of such product, for the warranty of this product please refer to Humboldt Mfg. Co. catalog on Terms and Conditions of Sale. The purchaser is responsible for the transportation charges. Humboldt Mfg. Co. shall not be responsible under this warranty if the goods have been improperly maintained, installed, operated or the goods have been altered or modified so as to adversely affect the operation, use performance or durability or so as to change their intended use. The Humboldt Mfg. Co. liability under the warranty contained in this clause is limited to the repair or replacement of defective goods and making good, defective workmanship.

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Testing Equipment for

Construction Materials



# **HUMBOLDT**

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