



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, sphericity, 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

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