

The US SAH-6Y is a hand-held device used to grade or measure gravel and small cobble size bed sediments in the field and is commonly referred to as a gravelometer. Other generic names are gravel templates, and pebblemeters. The gravelometer is constructed from 1/8 inch thick high-durability yellow plastic with engraved black lettering for increased legibility. The face dimensions are 9 inches by 11 inches. The weight is 4 ounces. The size allows the gravelometer



to be easily transported in a backpack or notebook. The US SAH-6Y has 11 square holes of common sieve sizes (1/2-phi unit classes) ranging from 4 mm to 128 mm. There is also a scale along the right side that can be used for measurements up to 270 mm. The scale is in 5 mm increments.

A very useful instruction manual can be downloaded from the Federal Interagency Sedimentation Project (FISP) website at [http://fisp.wes.army.mil/Instructions%20US SAH-97 040412.pdf](http://fisp.wes.army.mil/Instructions%20US%20SAH-97%20040412.pdf). The instruction manual is titled OPERATOR'S MANUAL FOR THE US SAH-97 HAND-HELD SIZE ANALYZER "GRAVELOMETER" and was prepared for FISP by John Potyondy¹ and Kristin Bunte².

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