AGGREGATE > GEOMETRICAL PROPERTIES

SAND EQUIVALENT TEST SET

Code : R040



- The Sand Equivalent Test Set is used to determine the relative proportions of fine dust or clay-like materials in fine aggregates and granular soils.
- This evaluation is crucial for assessing the cleanliness and quality of aggregates, which can significantly influence the performance and durability of concrete and asphalt mixtures.
- The test involves mixing a sample with a flocculating solution, allowing the fines to settle, and measuring the relative volumes of sand and suspended fines.
- Constructed in accordance with international standards, the apparatus ensures accurate and reliable results in both laboratory and field settings.
- The set is available in versions compliant with ASTM D2419, AASHTO T176, and EN 933-8 standards, catering to various regional testing requirements.

STANDARDS

ASTM D2419 • EN 933-8 • AASHTO T176

AVAILABLE MODELS

Item	ASTM, Complete Set	ASTM, Basic Set	EN, Complete Set	EN, Basic Set
Code	R040X02AH	R040X01AH	R040X02EH	R040X01EH
Standard	ASTM D2419 • AASHTO T176	ASTM D2419 • AASHTO T176	EN 933-8	EN 933-8
GRADUATED CYLINDER (Full Graduations) - ASTM	✓	✓	N/A	N/A
GRADUATED CYLINDER (Two Graduations) - EN	N/A	N/A	✓	✓
WEIGHT FOOT - ASTM	✓	✓	N/A	N/A
WEIGHT FOOT - EN	N/A	N/A	✓	✓
SAND EQUIVALENT STOCK SOLUTION - 1 lt	✓	✓	✓	✓
CLAMP STAND SET	✓	X	✓	X
SIPHON ASSEMBLY with IRRIGATOR TUBE	✓	✓	✓	✓
MEASURING CAN (85 ml) - ASTM	✓	✓	N/A	N/A
MEASURING CAN (200 ml) - EN	N/A	N/A	✓	✓
STEEL RULER - 50 cm	✓	X	✓	X
PLASTIC BOTTLE	✓	X	✓	X
RUBBER STOPPER	✓	X	✓	X
FUNNEL	✓	X	✓	X
SIEVE (Perforated), Ø 200 mm , 4.75 mm (No.4)	✓	X	✓	X

STOPWATCH, Digital	✓	X	✓	X
CARRYING CASE	✓	X	✓	X

ORDERING INFORMATION

Item Name	Item Code
SAND EQUIVALENT SHAKER - Manual	R040H00XH
SAND EQUIVALENT SHAKER - Motorized [60 Hz]	R040M00XK
SAND EQUIVALENT SHAKER - Motorized [50 Hz]	R040M00XT
GRADUATED CYLINDER (Full Graduations) - ASTM	R040P001H
GRADUATED CYLINDER (Two Graduations) - EN	R040P002H
WEIGHT FOOT - ASTM	R040P003H
WEIGHT FOOT - EN	R040P004H
CLAMP STAND SET	R040P006H
SIPHON ASSEMBLY	R040P007H
MEASURING CAN (85 ml) - ASTM	R040P008H
MEASURING CAN (200 ml) - EN	R040P009H
SAND EQUIVALENT SET (Basic Set) - ASTM	R040X01AH
SAND EQUIVALENT SET (Basic Set) - EN	R040X01EH
SAND EQUIVALENT SET (Complete Set) - ASTM	R040X02AH
SAND EQUIVALENT SET (Complete Set) - EN	R040X02EH