

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

TECHNICAL SPECIFICATIONS

Code	R 040 X01A H	R 040 X01E H
Standard	ASTM D2419	EN 933-8
Measuring Cylinder	Graduated (x4)	Marked 100/380 mm (x4)
Rubber Stopper	(x2)	(x2)
Measuring Can	88 ml	200 ml
Plastic Bottle	YES	YES
Irrigator Tube	YES	YES
Syphon Assembly	YES	YES
Weighted Foot Assembly	1000 g	1000 g
Funnel	YES	YES
Ruler	YES	YES
Stock Solution	1 lt	1 lt

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				
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				
PLASTIC BOTTLE				
RUBBER STOPPER				
FUNNEL				
SIEVE (Perforated), Ø 200 mm , 4.75 mm (No.4)				
STOPWATCH, Digital				
CARRYING CASE				

ORDERING INFORMATION

Item	Code
SAND EQUIVALENT SET (Complete Set) - ASTM	R040X02AH
SAND EQUIVALENT SET (Basic Set) - ASTM	R040X01AH
SAND EQUIVALENT SET (Complete Set) - EN	R040X02EH
SAND EQUIVALENT SET (Basic Set) - EN	R040X01EH
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