

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 |

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|--------------------|---|---|---|---|
| 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 |