

SOIL SAMPLE GRINDER



Construction Materials
Testing Equipment

The Soil Sample Grinder quickly prepares dry soil samples for Atterberg limits, particle-size analysis, and other standard laboratory tests. It is an efficient method for reducing agglomerations of caked soil to individual grains, and much less labor intensive than manual mortar and pestle operation. It preserves true grain size for accurate and repeatable test results.

The hopper has a 0.950 (2 pints) capacity and features a manually operated gate to control the feed rate to the grinding chamber. All construction of the grinder and grinder propellers are made of anti-rust S. Steel.

operation is simple, just load the hopper, start the grinder, and use the gate to control the material feed. The No. 10 (2.0mm), No.4 (4.75), No.35 wire mesh stainless steel are included to retain larger particles. Most soil types are processed completely in less than 15 seconds per pint.

The direct drive motor and grinding device is mounted on a sturdy four-pod stand, with an in-line switch to control motor operation motor and grinding unit is mounted on a sturdy painted steel four-pod

Standards

ASTM D4318

Model: 210245 , 210246



Description of Soil Sample Grinder:

- 1- quickly prepares dry soil samples for Atterberg limits, particle-size analysis.
- 2- It preserves true grain size for accurate and repeatable test results.
- 3- 0.950 (2 pints) capacity hopper.
- 4- fast and reducing labor cost. The Most soil types are processed completely in less than 15 seconds per pint.
- 5- The No. 10 (2.0mm), No.4 (4.75), No.35 wire mesh stainless steel are included
- 6- The direct drive motor and grinding device is mounted on a sturdy four-pod stand.
- 7- dimension: 00x450x600 mm
- 8- weight: 38 kg