

SOIL

Plastic Limit Test Set



The Plastic Limit Test Set is used to determine the plastic limit of fine-grained soils, defined as the lowest moisture content at which the soil remains plastic. This parameter is essential for soil classification and for assessing soil behavior under varying moisture conditions.

The test procedure involves rolling a soil sample into threads approximately 3 mm in diameter. The moisture content at which the threads begin to crumble represents the plastic limit. This provides a simple yet effective method for evaluating soil consistency.

The set consists of a glass plate for rolling (non-porous surface), a stainless steel rod for verifying thread diameter, moisture tins for sample storage, an evaporating dish for mixing, and a spatula for handling samples.

Compliant with international standards, the Plastic Limit Test Set ensures accurate and repeatable results, making it suitable for both geotechnical laboratories and field applications. When used together with the Liquid Limit Test, it enables determination of the Plasticity Index, a key parameter for evaluating soil plasticity and workability.

The Plastic Limit Test Sets are supplied complete with.

- A Glass Plate, 300x300 mm
- Steel Reference Rod
- Moisture Content Tins
- Porcelain Mixing Dish
- Spatula,
- Carrying Case
- Piset

Related Standards

ASTM D4318; AASHTO T90; BS 1377:2; EN, ISO 17892-12; UNE 103-104; UNI 10014

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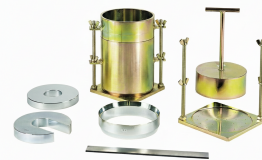
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PSO-218.2



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