

Universal Carbide Meter

BS 812, ASTM D4944, AASHTO T217

DESCRIPTION:

The moisture content can be determined using the Moisture tester based on the calcium carbide method.

The soil sample is introduced in the bottle with the reagent. The water reacts with calcium carbide and develops a gas pressure, which is indicated on the manometer and easily converted in the percentage of moisture.

It is possible to vary the sample weight from 3 to 100g for the complete reaction between the sample and carbide with accurate moisture measurements from 0 to over 20%.

The glass ampoule containing the calcium carbide is broken when the bottle is closed and shaken, granting better accuracy to the test.

The instrument comprises the testing bottle with manometer, small balance, 20 ampoules of reagent, accessories, case.



ORDERING:

SL 0717

Small Carbide Meter, 10 gr sample

SL 0718

Medium Carbide Meter, 20 gr sample

SL 0719

Large Carbide Meter, 50 gr sample

ACCESSORIES:

SL 0717-1

Calcium Carbide reagent ampoules pack of 100 pieces

TECHNICAL SPECIFICATIONS:

Dimensions	Weight (approx.)
520x340x140 mm.	6 kg

Liquid Limit Devices Casagrande Method

DESCRIPTION:

Liquid limit device Casagrande method is used to determine the moisture content at which clay soil passes from a plastic to a liquid state.

It helps in the classification of soil when comparing the potential properties of soil material against empirical data.

Consists of:

a brass cup, adjustable crank, mechanical blow counter, base and grooving tools.



TECHNICAL SPECIFICATIONS:

	Manual	Motorized
Dimensions	240x230x150 mm	200x290x170 mm
Weight (approx.)	2 kg	4.2 kg

SL 0720-2

BS Metal Grooving Tool

SL 0720-3

AASHTO casagrande grooving tool

BS 1377, 1997-2, ASTM D4318, AASHTO T89

MAIN FEATURES:

- Adjustable crank
- Different models with the same shape

ORDERING:

SL 0720

Manual liquid complete with counter, metal grooving tool and test gauge, BS standards

SL 0721

Motorized liquid complete with counter, metal grooving tool and test gauge, BS standards

SL 0722

Manual liquid complete with counter, less ASTM standard

SL 0723

Motorized liquid complete with counter, less ASTM standard

ACCESSORIES:

SL 0720-1

ASTM Metal Grooving Tool