



Microlance Instant Moisture & Temperature Tester

Make: LabTek

Model: SL-AG-028

Origin: India

Standards: ASTM and BS

Specification: This instrument measures the moisture and temperature of building materials (such as sand, aggregates and mixes) at depths up to 1 m approx., simply by insertion. The digital readings are shown instantly. The Microlance has a built-in computer, which gives it the flexibility to handle a wide range of materials and water contents. The meter comes with standard calibration for sands and aggregates, but is easily recalibrated in the field for virtually any material or mixture using the built-in "Autocal" facility.

Complete with calibration certificate.

Battery: 4x1.5 V AA cells

Typical range: Moisture 0-25%; Temperature -20 to 60°C

Resolution: Moisture 0.1%; Temperature 0.1°C

Accuracy: Moisture: better than 0.5% over a given range; Temperature: better than 0.5°C

Measurement principles:

- Moisture: temperature compensated electric field

- Temperature: BS 1904 – DIN 751

Platinum resistance detector

Total length: 1.2 m (approx.)

Weight: 2 kg (approx.)



Quantab Chloride Titrator Type

Make: LabTek

Model: SL-AG-029

Origin: India

Standards: BS 1377:3

Specification: This method provides a measurement of water soluble chloride salts present in a soil or aggregate sample. It is based on the Volhard method.

Weight approx.: 10 g

Quantab chloride titrator, type 1175 (711195), range 0.005% to 0.1% NaCl. Pack of 40 strips.

Quantab chloride titrator, type 1176 (711196), range 0.05% to 1% NaCl. Pack of 40 strips.



Scratch hardness apparatus

Make: LabTek

Model: SL-AG-030

Origin: India

Standards: ASTM C851

Specification: Determines quantity of soft particles in coarse aggregates on basis of scratch hardness. Apparatus consists of 0.0125" (1.6mm) dia. brass rod with rounded point inserted into plunger. Overall weight of brass point and plunger is 2 ±0.1 lbs (8.9 ±0.4N). Plunger is mounted on support stand, permitting plunger to lower and raise freely. Furnished with (1) replacement brass rod.

Sand equivalent test set

Make: LabTek

Model: SL-AG-031

Origin: India

Standards: EN 933-8 | ASTM D2419

Specification: he two sets comprises: four measuring cylinders, two rubber stoppers, measuring can, irrigator tube, siphon assembly with bottle, weighted foot, funnel, graduated rule, 1 liter of stock solution (packed separately) and plastic carrying case. Each item can be ordered individually (see spare parts). All items are housed in the plastic carrying case except the Siphon assembly with Stock solution bottle which are packed separately.

The two sets are identical except for the four measuring cylinders which are totally graduated in the ASTM/AASHTO version and for the weighted foot which is slightly different.

For a reliable test result we recommend the use of a mechanical shaker.

Case dimension: 500x400x130 mm

Total weight approx.: 7 kg

