

C187
K-SLUMP TESTER

STANDARD: ASTM C1362

To determine the degree of compaction and the workability of fresh concrete. Used for in-situ measurements or inside test moulds. Test results can be correlated against the slump values.

Weight: 500 g

C187

C188
C188
WALZ CONSISTOMETER

STANDARDS: EN 12350-4 | DIN 1048

To measure the consistency of fresh concrete. It consists of a metal box with handles 200x200 mm by height 400 mm, painted for rust protection.

Weight: 6 kg approx.

C189
CONCRETE WORKABILITY METER

STANDARD: NF P18-452

The concrete workability meter (also known as plastometer) is designed to test concrete for dynamic workability.

It is suitable for field and laboratory tests to check:

- concrete mix for consistency, especially water content
- optimum proportioning of concrete constituents (sand, gravel, water, cement)
- possible improvement when admixing a plastifier
- comparing two concrete types

The unit consists of a prismatic receiver divided into two unequal volumes by a removable partition, and an electric vibrator.

The fresh concrete is poured into the large volume space, the separating partition is removed, and the vibrator starts automatically.

The test consists in measuring the time required for the concrete to reach a uniform distribution in the receivers

Power supply: 230V 1ph 50Hz 300W

Dimensions: 820x420x410 mm

Weight: 80 kg approx.

C189
C186
KELLY BALL APPARATUS

STANDARD: ASTM C360

Consisting of a hemispherically ended cylinder with guiding frame and a handle graduated in inch, it is used to determine the workability of fresh concrete. The ball is lowered into the concrete and the penetration measured.

It can be used on site or in laboratory.

Cadmium plated for rust protection.

Weight: 15 kg approx.

C186
C190
PLASTICITY METER

Used for quick and easy measurements of the plasticity of mixtures, especially concrete, and so to detect rapidly any excess of water.

The measuring system is related to the shear strength applied by a three blade head to the mixture under test.

It is possible to measure the plasticity at several different points, and directly in the mixture, with multiple checking, and obtained values can be easily compared with the values got by the slump Abrams cone test.

Dimensions: Ø 130x180 mm

Weight: 2 kg

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