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 / UNI 9420

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

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, expecially water content
- optimum proportioning of concrete constituents (sand, gravel, water, cement)
- possible improvment 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 an uniform distribution in the receivers
Power supply: 230 V 1ph 50 Hz 300 W
Dimensions: 820x420x410 mm
Weight: 80 Kg

C186

Kelly ball apparatus

STANDARD: ASTM C360

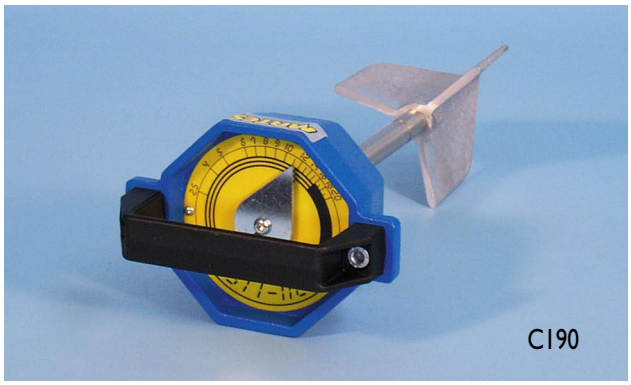
Consisting of a hemispherically ended cylinder with guiding frame and a handle graduated in inch, it is used to determine the workability of fresh concrete. The ball is lowered into the concrete and the penetration measured.
It can be used on site or in laboratory.
Cadmium plated for rust protection.
Weight: 15 Kg

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: dia. 130x180 mm
Weight: 2 Kg



C190

C189