

# C435 : Concrete Water Impermeability Tester

STANDARDS : EN 12390-8, DIN 1048, ISO 7031, UNI 9533

This apparatus is used to determine the depth of penetration of the water into the concrete (impermeability) under known time and pressure.

The unit accepts concrete cubic, cylindrical or prismatic specimens having “max. dimensions” of 200x200x200 mm

The specimen is put into the test chamber, clamped with “suitable flanges with central screw” and round gaskets.

A known water pressure is applied on the specimen’s surface for a known time, as requested by Standard, using a suitable air compressor (see accessory) having at least 5 bar pressure.

A manometer checks constantly the applied water pressure.

The apparatus is supplied “complete with graduated burettes” fixed on the front panel.

The water penetrated is measured by breaking the specimen, or by reading the water permeated through the graduated burette.

**Dimensions:** 1400x750x1700 mm

**Weight:** 280 kg approx.



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