

WATER IMPERMEABILITY TESTER

DETERMINATION OF PENETRATION'S DEPTH OF WATER UNDER PRESSURE.

STANDARDS: EN 12390-8 | DIN 1048

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.

Two models available: three place and six place version. The places can be used all-together at the same time, or one by one independently.



C435-01



C435

MODELS

C435

CONCRETE WATER IMPERMEABILITY APPARATUS, THREE PLACE, with water measurement burettes.

Dimensions: 1400x750x1700 mm

Weight: 280 kg approx.

C435SP

CONCRETE WATER IMPERMEABILITY APPARATUS, THREE PLACE, same as mod. C435, but having three separate pressure lines

C435-01

CONCRETE WATER IMPERMEABILITY APPARATUS, SIX PLACE, with water measurement burettes.

Dimensions: 1400x750x1850 mm

Weight: 430 kg approx.

C435-11

DUAL PRESSURE LINE to upgrade the apparatus mod. C435-01

ACCESSORIES

V206 AIR COMPRESSOR, 70 litres capacity.
230V 50Hz 1ph.

E138-11 TUBING and accessories to connect the impermeability apparatus to the air compressor.