

ELASTIC MODULUS OF CONCRETE

CONCRETE CYLINDER COMPRESSOMETER-EXTENSOMETER TPEM-01

Used for determining the axial deformation and diametrical extension of concrete cylinder specimens during the compression test. Complete with 2x0.001 mm dial gauge and carrying box.

Dial gauge	1mm, 0.001mm
Distance from upper ring center to bottom ring center	150mm
Specimen size suitable	Cylinder specimen: dia.150x300mm; Beam specimen: 150x150x300mm; Beam specimen: 100x100x300mm



WATER IMPERMEABILITY TEST

CONCRETE WATER IMPERMEABILITY APPARATUS TPCW-04



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 150x150x150 mm. The specimen is put into the test chamber, clamped with suitable flanges and round gaskets. A known water pressure is applied on the specimen's surface for a known time. A manometer checks constantly the applied water pressure.

Working pressure	4Mpa
Number of Specimen	6pcs
Motor power	90W
Working method	Microcomputer automatic pressurization
Motor speed	1400r/min
Voltage	380V
Overall dimensions	1230×745×1265mm
Weight	Approx. 250 kg