



DIGIMATIC CONCRETE IMPERMEABILITY APPARATUS

Standard: EN 12390-8, DIN 1048

Water Penetration Under Pressure

Used to determine the depth of water under pressure penetrates into concrete specimens. The unit accepts concrete cubic, cylindrical or prismatic specimens having dimension up to 200 x 200 x 200 mm. The specimen is placed between quick clamping chamber, and the special circular gaskets. The water under controlled pressure by fully automatic digital control panel with high precision pressure transducer for fine and precision pressure control. The water penetrated is measured by splitting the specimen into half. The unit comes with standard 6 pieces test chambers. Supplied with built air pressure compressor and water tank.

Technical Specifications :

Model Number	CL 4022 X / 002
Standard of Test Chamber	6 Chamber
Maximum Size of Specimen	Cubic / Cylindrical / Prismatic specimens diameter / height not more than 200mm
Pump Maximum Pressure	1 Mpa (10 bar)
Dimension (LxWxH)	770 x 1050 x 1450 mm
Weight	150 kg
Power	220 V, 1 ph, 50/60 Hz, 500 W

*1 Copy of Manual Instructions

Unit Consists Of :

Model Number	Parts Description	Qty
CL 4022 X / 002 – P001	Test Chamber c/w Gasket Seal	6 Units
CL 4022 X / 002 – P002	Stainless Steel Chamber Guide Tray	1no.
CL 4022 X / 002 – P003	Tubing Roll (pre-installed)	1set
CL 4022 X / 002 – P004	Plastic Aspirator Bottle 5L	1no.

Optional Accessories :

Model Number	Parts Description
CL 4022 X / 002 – A001	Gasket Seal (for~150mm specimens)
CL 4022 X / 002 – A002	Gasket Seal (for~100mm specimens)