



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 compression and water tank.

Technical Specifications :

Model Number	NL 4022 X / 002
Standard of Test Chamber	6 Chambers
Maximum Size of Specimen	Cubic / Cylindrical / Prismatic specimens diameter / height not more than 200mm
Pump Maximum Pressure	1 MPa (10 bar)
Product Dimension	1700 (L) x 600 (W) x 1450 (H) mm
Packing Dimension	1850 (L) x 810 (W) x 1645 (H) mm
Approx. Weight	243 kg
Packing Weight	344 kg
Power	220 ~ 240 V, 500 W, 1 Ph, 50/60 Hz

*1 Copy of Manual Instruction

Unit Consists Of :

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

Optional Accessories :

Model Number	Parts Description
NL 4022 X / 002 – A003	Gasket Seal (O Ring Ø7 x ID74 mm)