

DIGIMATIC CONCRETE IMPERMEABILITY APPARATUS (AUTOUCH)

Standard: EN 12390-8, DIN 1048



Water Penetration Under Pressure

This updated version is designed to determine the depth of water penetration into concrete specimens (impermeability) under known time and pressure. The unit accommodates concrete cube, cylindrical, or prismatic specimens with dimensions up to 200 x 200 x 200 mm. The specimen is securely placed into the test chamber, clamped with suitable flanges with central screw and special circular gaskets.

The water pressure is controlled automatically via a touchscreen digital control panel, ensuring high precision and stable pressure regulation. The water penetration depth can be determined by breaking the specimens into two halves. The unit comes standard with 6 test chambers and is supplied with a built-in air pressure compressor and water tank.

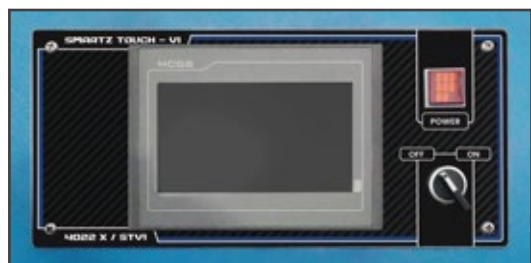
Technical Specifications :

Model Number	NL 4022 X / 003
Standard of Test Chamber	6 Chambers
Specimen Type	Cubic / Cylindrical / Prismatic
Maximum Size	≤ 200 mm (diameter / height)
Pump Maximum Pressure	1 MPa (10 bar)
Product Dimension	1700 (L) x 650 (W) x 1430 (H) mm
Approx. Weight	237 kg
Packing Dimension	1800 (L) x 785 (W) x 1615 (H) mm
Packing Weight	323 kg
Power	220~240 V, 96 W, 1 Ph, 50/60 Hz, 0.4 A, 1 Hp

Optional Accessories :

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

*1 Copy of Manual Instructions



Control Panel

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.