

CONCRETE WATER IMPERMEABILITY TESTERS

STANDARDS: EN 12390-8

Concrete Water Impermeability Testers are used to determine the depth of penetration of the water into the hardened concrete specimens (impermeability) under known time and pressure.

The system can test 150x150x150 mm, 200x200x200 mm cube or 100x200 mm, 150x300 mm cylinder specimens.

3 or 6 specimen capacity models and with and without quantitative measurement equipment of water penetratoion models are available.

Pressure to the sample, up to 8 bar with 0,2 bar precision is generated by way of compressed air applied to the integral water tank and controlled by a pressure regulator; with a pressure gauge.

The test sets with the quantitative measurement equipment of water penetration the penetration of water is measured through the burettes. The system comprises impermeability gaskets for every cell.

The apparatus has to be fitted with the suitable air compressor with maximum working pressure of bar.

The Air Compressor should be ordered separately.

Spare Parts & Accessories:

| Product Code | Product Name | Dimensions (cm) | Weight (kg) | Power Supply |
|--------------|---------------------------------|-----------------|-------------|-----------------------|
| HR-G0825 | Air Pressure Pump, 8 bar, 25 lt | 60x30x60 | 30 | 220 V, 50-60 Hz, 1 ph |

Technical Specifications:

| Product Code | Product Name | Specimen Capacity | Dimensions (cm) | Weight (kg) |
|--------------|---|-------------------|-----------------|-------------|
| HR-C0300 | Concrete Water Impermeability Tester with Quantitative Measurement Equipment | 3 pieces | 50x160x180 | 125 |
| HR-C0305 | Concrete Water Impermeability Tester with Quantitative Measurement Equipment | 6 pieces | 50x160x180 | 165 |
| HR-C0307 | Concrete Water Impermeability Tester without Quantitative Measurement Equipment | 3 pieces | 50x160x180 | 90 |
| HR-C0308 | Concrete Water Impermeability Tester without Quantitative Measurement Equipment | 6 pieces | 50x160x180 | 130 |

