

CRACK DETECTION MICROSCOPE

The Measuring Microscope is a precision hand-made product, suitable for measuring cracks in concrete, thread pitch, print characters, etc.

This high definition microscope is further enhanced by having its own adjustable light source for darkened conditions.

Current codes of practice, state that calculated maximum crack widths should not exceed certain values. BS 8110: Part 2 for concrete permits a crack width of 0.3mm which is 15 divisions on the scale for most types of environment.

The image is focused by turning a knurled knob on the side of the instrument, and the eyepiece scale can be rotated through 360 degrees to align with the direction of the crack, pitch, etc., under examination.

Ease of use, strong construction and compact size just 130mm in height makes this instrument ideally suited for harsh environments.

The 4 mm width of measurement has a lower scale, divided into 0,2 mm divisions, which are subdivided into 0,02 mm divisions.

Comes complete in its own sturdy wooden pocket size case.

Technical Specifications:

Product Code	Product Name	Magnification	Weight (kg)
HR-C7125	Crack Microscope	X35	0,600



HR-C7125

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 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 penetration of water is measured through the burettes supplied complete with the system. 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.

Technical Specifications:

Product Code	Product Name	Specimen Capacity	Dimensions (cm)	Weight (kg)
HR-C0300	Concrete Water Impermeability Tester	3 pieces	50x160x180	125
HR-C0305	Concrete Water Impermeability Tester	6 pieces	50x160x180	165

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



HR-C0300



HR-G0825