

## CRACK DETECTION MICROSCOPE

The Crack Detection Microscope is suitable for measuring cracks in concrete. This 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 0.3 mm 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.

Two models are available as 40X and 100X.

100X Crack Detection Microscope Measuring range is 1,6 mm which are subdivided into 0,02 mm divisions.

Complete with carrying case.



HR-C7125

### Technical Specifications:

Product Code	Product Name	Magnification	Dimensions (mm)	Weight (kg)
HR-C7125	Crack Microscope	X40	50x23x138	0,550
HR-C7126	Crack Microscope	X100	50x23x138	0,550

## MECHANICAL STRAIN GAUGE

STANDARDS: BS 1881:206

Mechanical Strain Gauges are used for determining the length changes in different parts of a structure. Especially designed to perform measurement on concrete structures. It can also be used for other structures like steel, wood etc.

There are models in different lengths according to the standard length to be measured.

The digital dial gauge has a resolution of 0.001 mm and an output for PC connection.

Mechanical Strain gauge with digital dial gauge, standard bar, calibration bar, datum discs (pack of 50), adhesive compound for datum discs and carrying case supplied with all models.

Serial cable for PC connection should be ordered separately.



HR-C7132

### Technical Specifications:

Product Code	Product Name	Measuring Base (mm)	Dimensions (mm)	Weight (kg)
HR-C7130	Mechanical Strain Gauge	100x5	300x400x110	2,5
HR-C7131	Mechanical Strain Gauge	200x5	300x400x110	3
HR-C7132	Mechanical Strain Gauge	300x5	300x600x110	3,5
HR-C7133	Mechanical Strain Gauge	600x5	300x600x110	4

### Spare Parts & Accessories:

Product Code	Product Name
HR-C7130/1	Datum Discs. Pack of 50.
HR-C7130/2	Adhesive, 20 gr
HR-C7130/3	Standard Bar
HR-C7130/4	Calibration Bar
HR-C7130/5	Digital Dial Gauge, 0.001 mm
HR-C7130/6	Serial Cable
HR-C7130/7	Carrying Case for HR-C7130 & HR-C7131
HR-C7130/8	Carrying Case for HR-C7132 & HR-C7133