



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 13/04/2016, and contains the following Products:

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77-0115

**Digital Point Load Test Apparatus.**

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70-5000

**Hand Operated Pressure System. Complete with Pressure Gauge and Flexible Hose.**

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70-1712

**Spare Jacket Nx Size.**

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70-1710

**Ele-Hoek Cell Nx 54.74mm Diameter.**

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## Digital Point Load Test Apparatus.

Code: 77-0115

Product Group: Digital Point Load Tester, Point-Load Strength Test

Originally developed at Imperial College, London, the apparatus comprises a two-column fixed crosshead frame and a hand operated hydraulic jack.

Pressure applied by the jack extends the piston carrying the lower conical point. The upper point is fixed to the crosshead with a scale mounted on the frame to provide specimen diameter information for use in point load strength index calculations.

Pressure is indicated directly on the digital readout unit. Loads up to 55 kN can be applied to specimens as large as 101.6 mm in diameter.

The apparatus is supplied complete with heavy-duty face mask.

## Standards

EN DD ENV 1997-2, ASTM D5731

## Specification

Capacity	55 kN
Maximum sample size	101.6 mm
Load range	0 to 55 kN x 0.001 kN
Weight	25 kg
Capacity	13 ,000 lbf. (55 kN).
Specimen Size	4â€ (101.6 mm) maximum.
Load Range	0-13 ,000 lbf. (55 kN) x 0.2 lbf. (0.001 kN).
Weight	Net 60 lbs. (27.2 kg).

## Spares/Consumables



## Set of Cones for Digital Point Load Tester

Code: 77-0115/10



## Hand Operated Pressure System. Complete with Pressure Gauge and Flexible Hose.

Code: [70-5000](#)

Product Group: [Hydraulic Constant Pressure Systems](#)

### Specification

Pump	Single piston
Maximum pressure	70 mPa
Gauge	250 mm diameter scale marked 0-70 MN/m <sup>2</sup>
Weight	14.8 kg

### Spares/Consumables



#### Spare Jacket Nx Size.

Code: [70-1712](#)



## Spare Jacket Nx Size.

Code: [70-1712](#)

Product Group: [Hoek Cells](#)

(55 mm) jacket.



## Ele-Hoek Cell Nx 54.74mm Diameter.

Code: [70-1710](#)

Product Group: [Hoek Cells](#)

- For use with pressures up to 70 MPa
- Fast and effective specimen handling
- Accessories for permeability testing

The ELE-Hoek cells in this section have been designed to accept the nominal NX core size as specified in International Standards.

The basic cell comprises a steel body and two steel end caps which are screwed to the body of the cell when in use. The body incorporates two self-sealing couplings; one for connecting to the hydraulic pressure system, the other for de-airing the cell chamber and for the attachment of pressure measurement devices if required. Hardened and ground spherical steel pistons and two jackets of the same diameter as the specimen are supplied.

## Further Information

Supplied complete with 2 jackets and 1 pair of load spreader pads.

## Spares/Consumables



### Spare Jacket Nx Size.

Code: [70-1712](#)