

## DIGITAL POINT LOAD TEST APPARATUS

### PRODUCT MODEL

**48-PL457580** Digital Point Load Test Apparatus, 220-240V 50/60 Hz

### PRODUCT STANDARDS

**Standards** ASTM D5731



48-PL457580



### PRODUCT DESCRIPTION

The Digital point load test apparatus is used for determining the strength values of a rock specimen, both in the field and in the laboratory. Consists of a 60 kN capacity load frame with an upper and lower conical platens, a digital readout unit, pressure transducer and a hydraulic loading bottle jack. The frame is adjustable for testing of samples up to 102 mm diameter. A ruler assembled on the frame allows the direct measurement of the distance between the conical platens before and after the test. The compression load is measured by a pressure transducer connected to an advanced digital easily transportable wooden case.



### TECHNICAL SPECIFICATIONS

|                                 |                        |
|---------------------------------|------------------------|
| <b>Load Range</b>               | 0 - 60 kN              |
| <b>Accuracy</b>                 | ± 1%                   |
| <b>Load Readability</b>         | 1 N                    |
| <b>Load measurement</b>         | In both kN and MPa     |
| <b>Distance between columns</b> | 110 mm                 |
| <b>Display</b>                  | Digital Readout Screen |
| <b>Dimensions</b>               | 400x700x600 mm         |
| <b>Weight (approx)</b>          | 60 kg                  |
| <b>Power</b>                    | 220-240 V 50/60 Hz     |