



### PRODUCT CODE

**NT-S1011** 100 kN Capacity Plate Loading Test Set

**NT-S1012** 200 kN Capacity Plate Loading Test Set

**NT-S1015** 500 kN Capacity Plate Loading Test Set

**NT-S1001** Manual Hydraulic Pressure Jack – 600 bar Pressure, supplied with a pressure transducer, hydraulic hose and a digital backlight LCD display.

### STANDARDS

BS 1377, ASTM D1194

### SPECIFICATIONS

The plate loading test set is a field loading test that can be used to obtain data for calculating the deformation modulus and bearing coefficient of subgrades and compacted road components.

**The Plate Loading Test apparatus is supplied with the following;**

**NT-S1001** Manual Hydraulic Pressure Jack – 600 bar Pressure, supplied with a pressure transducer, hydraulic hose and a digital backlight LCD display.

**NT-S1011 /2** 100 kN Capacity Loading Piston (Piston capacity is given according to the selected model).

**NT-S1011/3** Datum Bar – made of steel, 2.4 meters long and supplied with two legs and three dial indicator mounting brackets.

**NT-SM0230** Dial indicator – 50 mm stroke length and 0.01 mm precision. 3 pcs

**NT-S1011/5** :150 mm diameter loading plate

**NT-S1011/7** : 305 mm diameter loading plate

And wooden carrying box.

#### Accessories :

**NT-S1011/2** : Datum Bar – made of steel, 2.4 meters long, supplied with two legs and three dial indicator mounting brackets.

**NT-SM0230** : Dial indicator – 50 mm stroke length and 0.01 mm precision. Three (3) pieces are used in the plate loading test.

**NT-S1011 /4** : Manual Hydraulic Pressure Jack – 600 bar Pressure, supplied with a pressure transducer, hydraulic hose and a digital backlight LCD display.

**NT-DSA0150** Digital Screen

Loading Plates – each plate was made of steel and galvanised for protection, thickness are 25 mm.

**Loading plates needs to be ordered separately**



#### Loading Plates;

**NT-S1011/5** : Ø150 mm loading plate

**NT-S1011/6** : Ø 253 mm loading plate

**NT-S1011/7** : Ø 305 mm loading plate

**NT-S1011/8** : Ø 455 mm loading plate

**NT-S1011/9** : Ø 610 mm loading plate

**NT-S1011/10** : Ø 760 mm loading plate