

# MODEL TO-126

## Consolidation Apparatus – Analogue



The Consolidation Apparatus consists of a fixed ring type of consolidometer cell for testing specimens of 60mm dia x 20mm thick, but a variety of specimen sizes from 50 to 100mm dia can also be tested. Additionally, the same loading unit can be used with optional floating ring consolidometer cells.

The standard consolidation apparatus is supplied with a weight set to achieve a total pressure of 10kg/cm<sup>2</sup> (in addition to the seating load of 0.05kg/cm<sup>2</sup> on the specimen), but an additional set of weights is required to reach the full capacity of 20kg/cm<sup>2</sup>.

The consolidation is measured by conventional dial gages or digital gages and common configurations include a single and three-gang consolidometers, with a six-gang version available on special request.

- Digital readout reduces the possibility of operator error.
- Direct reading in mm.
- Plug-in transducer module system.
- Facility for connecting readout unit to compatible logging or printing system.

### Applicable standards

- BS 1377; EN 1997-2; ASTM D2435, D4546; AASHTO T216

### Key features

- High capacity – 8800kPa on 50mm diameter specimens using 11:1 beam ratio.
- Triple beam ratio, 9:1, 10:1, 11:1.
- Compact unit ensures maximum space saving.

### SUPPLIED AS STANDARD

- **TO-12501** Consolidation Unit
- **TO-12502** Cell assembly complete with all accessories suitable for 60mm diameter x 20mm thick specimens
- **TO-12503** Set of 29 weights to generate 10kg/cm<sup>2</sup> stress on 60mm diameter specimen
- **TO-12504** Water reservoir with tube, T connection and pinch cock

### OPTIONAL ACCESSORIES

- **TO-12502** Cell assembly complete with all

accessories suitable for 60mm diameter x 20mm thick specimens

- **TO-12503** Set of 29 weights to generate 10kg/cm<sup>2</sup> stress on 60mm diameter specimen
- **TO-12504** Water reservoir with tube, T connection and pinch cock
- **TO-070** Dial gage, 5mm x 0.002mm

### ORDERING INFORMATION

- **TO-126-1-AN** Consolidation stage, single station, with TO-070 analog dial gage
- **TO-126-3-AN** Consolidation stage, three station, with three TO-070 analog dial gages