

## STANDARD: ASTM D2435, ASTM D3877, ASTM D4546, BS 1377

It is used for compression test of soil, and to determine the relationship between deformation and compression of soil, to calculate the unit sediment compression index, resilient index, as well as consolidation coefficient of soil, etc. It is rigidly constructed to ensure minimum frame distortion. The frame is designed to load the specimen through a lever arm assembly and one of three alternative beam ratios as 9:1, 10:1 and 11:1. The beam is fitted with a counter balance weight and beam support jack.

## TECHNICAL SPECIFICATIONS

### FRONT LOADING OEDOMETER

- ◆ ASTM D2435, D3877, D4546 and BS1377
- ◆ 3 lever arm ratio: 9:1, 10:1 and 11:1 with maximum stress up to 8.8MPa

### OEDOMETER BENCH

- ◆ For the above oedometer
- ◆ Accept at least 3 oedometers,
- ◆ Locking nuts to fix oedometer

### CONSOLIDATION CELLS

Standard consolidation cells with upper and lower, porous discs with cutting rings (different sizes). Material: tin bronze Dia.50mm

### SLOTTED STEEL WEIGHT SET

2x0.25kg, 1x0.5kg, 2x1kg, 1x2kg, 1x5kg, 4x10kg

### DIGITAL MICROMETER

12.7\*0.001mm

