SOIL > CONSOLIDATION

CONSOLIDATION APPARATUS (Manual, Oedometer)

Code : T210



- Used to determine the behavior of the soil sample upon certain loading in a specified period of time. It indicates the settlement characteristics of the soil which is known as Consolidation.
- The loading ratio for the device is 10:1 and designed as front loading type. The rear weight is used for balancing the device.
- The device has a support for a screw jack and supplied with a dial and its holder, consolidation cell, two porous discs and weight set.
- Fixed on a frame and can be ordered as 1, 2 or 3 devices on the same frame.

STANDARDS

ASTM D2435 • ASTM D3877 • ASTM D4546 • BS 1377-5

TECHNICAL SPECIFICATIONS

- Front Loading Type
- Load Ratio = 9:1 - 10:1 - 11:1
- Rear Balancing Weight
- Screw Jack Support

SUPPLIED WITH

- Dial Indicator : 12.7 / 0.002 mm
- Dial Holder
- Consolidation Cell
- Porous Discs (2 ea)
- Weight Set (3 x 10 kg, 2 x 5 kg, 3 x 2 kg, 3 x 1 kg, 2 x 0.5 kg)

ORDERING INFORMATION

Item Name	Item Code
AUTOMATIC CONSOLIDATION DEVICE - 10 kN	T210A010U
AUTOMATIC CONSOLIDATION DEVICE - 20 kN	T210A020U
AUTOMATIC CONSOLIDATION DEVICE - 50 kN	T210A050U
OEDOMETER - CONSOLIDATION	T210H00XH
CONOLIDATION CELL - Ø 50 mm	T210P001H
CONOLIDATION CELL - Ø 63.50 mm	T210P002H
CONOLIDATION CELL - Ø 75 mm	T210P003H

FRAME for OEDOMETER (1 Unit)	T210P004H
FRAME for OEDOMETER (2 Units)	T210P005H
FRAME for OEDOMETER (3 Units)	T210P006H
SUCTION-CONTROLLED OEDOMETER CELL	T210P007H
SUCTION-CONTROLLED OEDOMETER CELL with DIAMETRIC CALIPER	T210P008H
PRE-COMPRESSION FRAME for 3 SPECIMENS	T210P009H
POROUS STONES for Ø 63.5 mm (Set of 2)	T210P010H
POROUS STONES for Ø 75 mm (Set of 2)	T210P011H
CONOLIDATION CELL - Ø 84 mm	T210P012H
CONOLIDATION CELL - Ø 94 mm	T210P013H

OTHER PHOTOS



