



PRODUCT CODE

- NT-S0030** Consolidation device (one dimensional)
NT-S0031 Consolidation bench with 3 device capacity
NT-S0032 Consolidation Cell for \varnothing 50 mm samples
NT-S0032/1 Lower and upper porous stone for \varnothing 50 mm samples
NT-S0032/2 Cutting ring for \varnothing 50 mm samples
NT-S0032/3 Calibration disk for \varnothing 50 mm samples
NT-S0032/4 Sample preparation apparatus for \varnothing 50 mm samples
NT-S0033 Consolidation Cell for \varnothing 63,5 mm samples
NT-S0033/1 Lower & upper porous stone for \varnothing 63,5 mm samples
NT-S0033/2 Cutting ring for \varnothing 63,5 mm samples
NT-S0033/3 Calibration disk for \varnothing 63,5 mm samples
NT-S0033/4 Sample preparation apparatus for \varnothing 63,5 mm samples
NT-S0034 Consolidation Cell for \varnothing 75 mm samples
NT-S0034/1 Lower & upper porous stone for \varnothing 75 mm samples
NT-S0034/2 Cutting ring for \varnothing 75 mm samples
NT-S0034/3 Calibration disk for \varnothing 75 mm samples
NT-S0034/4 Sample preparation apparatus for \varnothing 75 mm samples
NT-S0036 Consolidation weight set 50 kg (3x 10 kg, 2x 5 kg, 3x 2 kg, 2x 1 kg, 3x 0,5 kg, 2x 0,25 kg)
NT-S0038 Consolidation weight set 64 kg (4x 10 kg, 3x 5 kg, 2x 2 kg, 3x 1 kg, 3x 0,5 kg, 2x 0,25 kg)
NT-GM0250 Digital dial gauge 12.7 mm stroke 0,001 mm sensitivity (don't sleep)
NT-GM0260 digital dial gauge 25 mm stroke 0,01 mm sensitivity (don't sleep)

STANDARDS

ASTM D2435 ASTM D3877 ASTM
D4546 AASHTO T216 BS 1377:5 UNE
103-602 UNI EN ISO 17892-5

SPECIFICATIONS

NT-S0030 is 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 beam provides three loading ratios: 9:1, 10:1, and 11:1. The beam assembly is fitted with an adjustable counterbalance weight.

Maximum load: 170 kg of slotted weights, corresponding to 1870 kg using the beam ratio 11:1. Consolidation cells are manufactured from corrosion-resistant materials in accordance to the standards. The outer wall of the cell is made of Plexiglas, and collapse can be observed during testing. All cells are supplied with upper and lower porous stones, a loading head, and a cutting ring.



How to Select;

For \varnothing 50 mm Samples

(For different diameter samples, only the cell code will be changed, other codes and quantities will remain the same)

- NT-S0030** Consolidation device 3 pcs
NT-S0031 Consolidation bench (3 device capacity) 1 pcs
NT-S0032 Consolidation Cell for \varnothing 50 mm samples 3 pcs
NT-S0036 Consolidation weight set 50 kg 3 pcs
NT-GM0250 Digital dial gauge 12.7 mm stroke 3 pcs or
NT-GM0260 Digital dial gauge 25 mm stroke 3 pcs