



TINENG

CONSOLIDATION

TRIPLEX CONSOLIDATION APPARATUS

Triplex consolidation apparatus 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. Dial indicators need to be ordered separately.

WG-1C ▶

Frame	Steel structure
Sample area	30 cm ² or 50 cm ²
Sample's quantity	Three
Lever ratio	12: 1; 10:1
Consolidation container	One beam, two beams, three beams
Pressure range	12.5 KPa/30cm ² to 800 KPa/30cm ² , 12.5 KPa/50cm ² to 400 KPa/50cm ²
Grade	8, 7 grade

WG-1B ▼

Sample area	30 cm ² or 50 cm ²
Lever ratio	12:1; 10:1
Sample's quantity	Three
Pressure range	12.5~1600kpa, 12.5~800kpa
Grade	9, 8 grade



GDG-4S ▶

Sample area	30 cm ² or 50 cm ²
Lever ratio	24:1; 20:1
Sample's quantity	Three
Pressure range	12.5~4000kpa, 12.5~2000kpa
Grade	10, 9 grade

SINCE 2006

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◀ SINGLE CONSOLIDATION APPARATUS WG-4

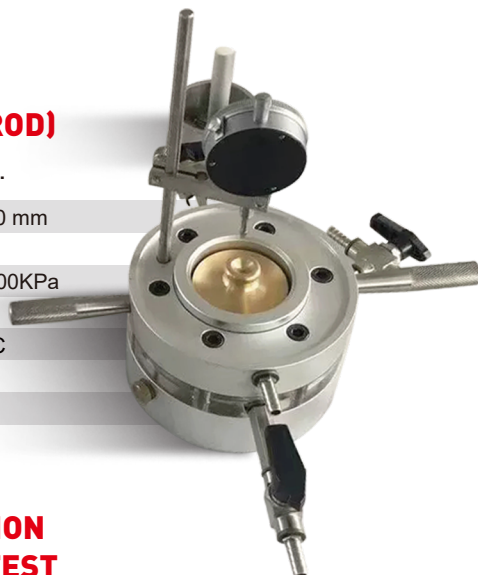
Small in size, lightweight, suitable for use on the spot.
Dial indicator needs to be ordered separately.

Pressure range	12.5, 25, 50, 100, 200, 300, 400kPa
Lever ratio	1:12, 1:10
Soil sample	30cm ² ×2cm height, 50cm ² ×2cm height
Overall dimension	550×220×370mm
Net weight	20kg (weight not included in)

K0 CONSOLIDATION ▶ APPARATUS (INCLUDE PULL ROD)

Dial indicator needs to be ordered separately.

Sample dimension	Φ61.8×40 mm
Axial load	6KN
Load arm	0KPa-1000KPa
Axial movement	0-10mm
Work temperature	20°C±5°C
Relative humidity	<85%
Relative error of proving ring	±2%



▼ WEIGHTS FOR CONSOLIDATION TEST OR DIRECTLY SHEAR TEST

Model	Weight (kg)
NS-15-5.1	5.1
NS-15-2.55	2.55
NS-15-1.275	1.275
NS-15-0.637	0.637
NS-15-0.319	0.319

