

Direct Shear test Machine

KASONTTEST®



Application

The apparatus is a kind of strain controlled direct shear apparatus used to test the shearing resistance of soil

specimen. It usually adopts four specimens under the different vertical pressure to add shearing force to carry on shear test to obtain the shearing force when the specimen is destroyed. Determine the shearing resistance

coefficient, internal frictional angle and cohesion of the soil according to Coulomb's law.

It has the advantages such as easy to operate, stable shear rate. There's also limit device to protect the apparatus.

Main technical parameters

Maximum vertical load (KPa)	400
Pressure level (KPa)	50,100,200,300,400
Corresponding weight weight (KPa)	1.275,2.55,5.1,7.65,10.2
Lever radio	1:12
Soil sample	30cm2 x 2cm(H)
Maximum horizontal shear force (KN)	1.2
Power type	electric
Variable speed	0.02,0.8,2.4mm/minute
The displacement of the motor	0.2mm/r
Motor speed	0.1,0.8,2.4r/min
Voltage	AC220V 50HZ

FOCUS IN MATERIAL TEST

KASONTTEST®

JINAN KASON TESTING
EQUIPMENT Co, LTD.

DuandianIndustrial Park , Jingshi Road, Jinan City,China.

P: +86 159 1008 1986

E: admin@jnkason.com | **W:** www.syjlab.com

Tel: +8615910081986



www.syjlab.com