

geolometer

ROCK SOLIDLY RELIABLE



GL-LT 111

**Microcomputer control electro-
hydraulic servo shear test
machine**

PRODUCT APPLICATION

The test machine is mainly used for highway, railway, bridge, building plate rubber support, basin support, ball support product mechanical properties, damping performance, rubber support large deformation test and detection. The equipment can carry out pressure-resistant elastic modulus test, shear-resistant elastic modulus test, shear test (static shear), extreme compressive strength test, friction coefficient test, corner test and road bridge basin support load test under the axial compression deformation and radial deformation detection.

Product Specifications

SPECIFICATIONS	GL-LT 111
Maximum machine space	600 mm
Column net X distance	950 mm
Column net Y distance	950 mm
Main actuator: maximum load	5000 kN
Load accuracy	Better than $\pm 1\%$ (0.4%–100% F.S.)
Test force resolution	250,000 yards
Working piston speed	0–30 mm/min (adjustable)
Work piston maximum itinerary	600 mm
Lower pressure plate size	850 × 850 mm
Pressure plate movement mode	Electric drive
Maximum displacement	0–900 mm
Displacement accuracy	Better than 1% F.S.
Displacement resolution	0.001 mm
Mainframe dimensions	5000 × 1240 × 3200 mm
Hydraulic source size	1200 × 600 × 1300 mm
Control cabinet shape	1500 × 870 × 880 mm
Weight of equipment	Approx. 16,000 kg