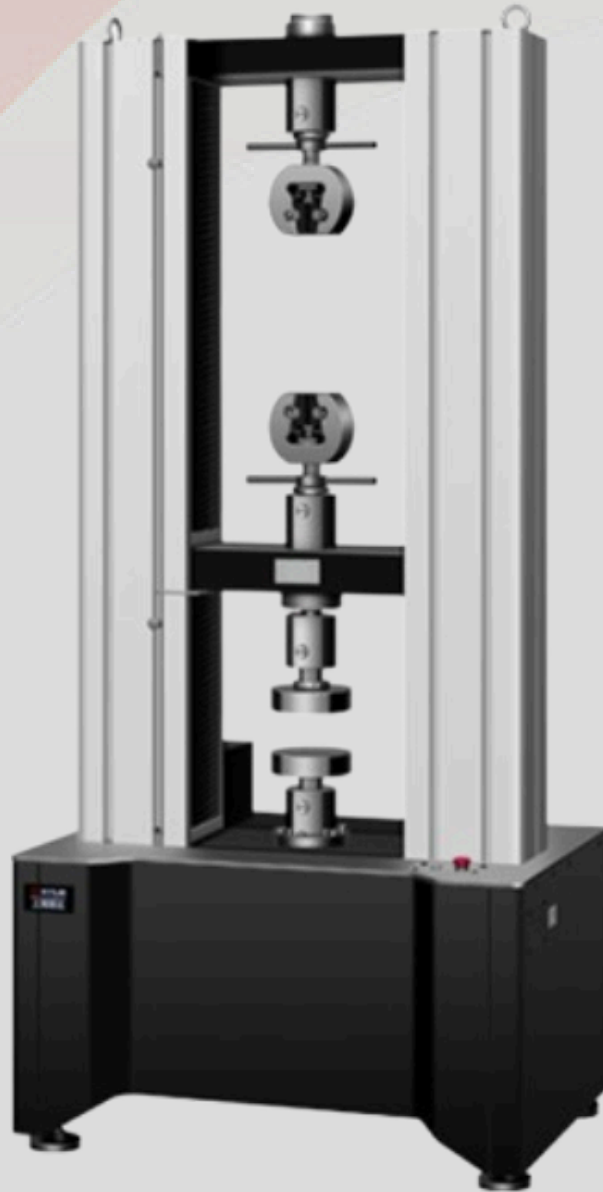


geolometer

R O C K S O L I D L Y R E L I A B L E



GL-ET 100

**Double column floor-to-ceiling
electronic tensile test machine**

PRODUCT APPLICATION

Double-column landing electronic tensile test machine is mainly used for the mechanical performance analysis and analysis of metallic materials and non-metallic materials tensile, compression, bending, shear, etc., with three closed-loop control methods of stress, strain and displacement, which can find the maximum force, tensile strength, bending strength, compressive strength, elastic modulus, fracture elongation, yield strength and other parameters. Test and provide data according to GB and ISO, JIS, ASTM, DIN and other international standards.

Product Specifications

SPECIFICATIONS	GL-ET 100
Maximum Test Force	100 kN
Accuracy Grade	0.5
Test Force Measurement Range	0.4% - 100% FS
Relative Error of Test Force	±0.5%
Test Resolution	1/±500,000 FS
Displacement Resolution	0.000055 mm
Relative Error of Displacement	±0.2%
Force Control Rate Adjustment Range	0.01 - 5% FS/s
Relative Error of Force Control Rate	±1%
Deformation Resolution	1/±500,000 FS
Deformation Measurement Range	0.2% - 100% FS
Relative Error of Deformation	±0.5%
Effective Stretch Space	800 mm
Effective Test Width	400 mm
Power Supply	220V/380V, 2000W
Dimensions (L x W x H)	1000 × 800 × 2200 mm
Weight	~1100 kg
Crossbeam Speed Range	0.001 - 500 mm/min
Control Modes Range	0.5% - 100% FS
Control Accuracy	<10% FS: ±1%, ≥10% FS: ±0.1%