

geolometer

ROCK SOLIDLY RELIABLE



GL-ET 10

Double-column e-tlamber test machine

PRODUCT APPLICATION

Double-column electronic tensile testing machine is mainly used for the mechanical performance analysis and analysis of tensile, compression, bending, shear, etc. of metal materials and non-metallic materials, 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 10
Maximum Test Force	10 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
Deformation Measurement Range	0.025 μm
Relative Error of Deformation	±0.5%
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 ±10%, 400W
Dimensions (L x W x H)	770 × 400 × 1600 mm
Weight	~240 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%
Displacement Relative Error	±0.5% of displayed value
Deformation Rate Adjustment Range	0.02-5% FS/s
Relative Error of Deformation Control Rate	±1%
Displacement Resolution	0.025 μm