

geolometer

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



GL-ET 108

**Screen explicit electronic
universal test machine
(single arm)**

PRODUCT APPLICATION

This product is suitable for the mechanical properties of various metals, non-metals and composite materials for mechanical performance testing and analysis, and can obtain test data such as the maximum test force value, fracture force value, yield strength, up and down yield strength, tensile strength, compressive strength, fracture elongation, tensile elastic modulus, and other test data.

Product Specifications

SPECIFICATIONS	GL-ET 108
Mode of control	Screen control
Maximum load kN	10
Accuracy class	Level 0.5 / 1
Test force measurement range FS	Completely divided.
Relative error of test force value	Within 0.5% / ± within 1%
Test resolution	1/±300,000 of the test force
Displacement resolution um	0.025
Relative error of displacement value	±0.5% / ±1% of the value
Force Control Rate Adjustment Range FS/S	0.01-5%
Relative error of force control rate	Set value within ±1%
Transfigurative resolution	Maximum deformation 1/±300000
Deformation measurement range FS	0.2% to 100%
Relative error of deformation value	±0.5% / ±1% of the value
Deformation rate adjustment range FS/S	0.02-5%
Crossbeam speed adjustment range mm/min	0.01 to 500
Effectively stretch space mm	800
Effective test width mm	100
Power supply	220V ±10%, 0.4kW
Mainframe Dimensions mm	600 x 380 x 1500
Weight of the host kg	80