

geolometer

ROCK SOLIDLY RELIABLE



GL-LT 500

**Microcomputer control static
load pillow tester**

PRODUCT APPLICATION

This product is suitable for testing equipment that measures the relaxation performance of metal materials at room temperature, and the product conforms to GB/T10120-96 "Metal stress relaxation test method".

Product Specifications

SPECIFICATIONS	GL-LT 500
Maximum load value under the track	500 kN
Accuracy of load indicator	±1%
Initial load after placing the rail pillow	<20 kN
Loading speed	3000 ±300 N/s
Time of storage	180 s
Piston maximum stroke	250 mm
Adjustable loading base (track)	600 mm, 700 mm, 800 mm
Adjustable loading pitch (track)	600 mm, 1500 mm
Test space	430 mm
Distance between columns	820 mm, 900 mm
Dimensions (Mainframe)	1720 × 990 × 2266 mm
Dimensions (Small car)	3390 × 700 × 135 mm
Dimensions (Control cabinet)	820 × 600 × 610 mm
Hydraulic pump pressure	31.5 MPa (high pressure pump)
Oil pump displacement	25 ml/rec
Motor power	1.2 kW
Motor speed	980 rpm
Power supply	AC380V ±10%, 50Hz (with zero line)