

# geolometer

ROCK SOLIDLY RELIABLE



## GL-PT 100

**Concrete test block compressive strength test machine**

# PRODUCT APPLICATION

The concrete test block compressive strength test robot (one drag three) can continuously complete the compressive strength test of concrete without stopping for 24 hours.

The equipment implements the standards:

GB/T 2611 "General technical requirements of test machine"

GB/T 16826 "Electric liquid servo universal test machine"

GB/T 3159 Hydraulic universal test machine

GB/T 50081 Concrete Physical and Mechanical Properties Test Method Standard

GB/T 2611 "General technical requirements of test machine"

## Product Specifications

SPECIFICATIONS	GL-PT 100
Maximum test force	2000 kN
Relative error of test force value	±0.5%
Test force measurement range	1% - 100% FS (full scale, no range division)
Deformation resolution	1 / 500,000 FS
Reverage range	0.02% - 5% FS
Reverage error	±0.5%
Piston displacement difference	±0.5%
Pressure plate diameter	Φ300 mm
Distance between upper and lower plates	250 mm
Working piston stroke	200 mm
Sample specifications	150 × 150 × 150 mm; 100 × 100 × 100 mm
Robotic work efficiency	40 blocks/hour; up to 960 blocks/day (24 hr)
Robot working radius	1650 mm, 2050 mm
Power supply	AC 220V ±10%, 50 Hz
Power consumption	Mainframe: 6.9 kW; Control cabinet: 4 kW