

## STANDARD: EN 13230

The concrete railway sleepers static testing machine GZS-500 is suitable for testing the static load crack resistance of concrete railway sleepers (Type I, Type II, Type III, turnout sleepers, bridge sleepers, broad sleepers, etc.). It adopts hydraulic loading and microcomputer control, and can display force values, deformation, displacement, and plot various curves, can accurately determine the static load strength of various sleepers and test the actual load capacity of sleepers. It mainly consists of loading device, trolley, track, lifting mechanism, control system, digital display system, etc.



## TECHNICAL SPECIFICATIONS

Load capacity	500kN (under rail) 400kN (between two rails, two 200kN sensors)
Load measurement range	0~500kN
Load measurement accuracy	±0.5%
Continuous loading time	Can be set arbitrarily
Piston stroke	250mm
Support span	300mm, 400mm, 500mm, 600mm (under rail) 600mm, 1400mm-1600mm (between two rails)
Test space	Vertical clearance: 450mm Horizontal clearance: 820×920 mm
Dimensions	Host: 8500×1000×1920mm Trolley: 3400×760×110mm
Power supply	380V

