



TINPENG

IN-SITU CBR TEST APPARATUS

STANDARD: ASTM D4429 BS 1377 BS 1924 CNR UNI 10009

The In-situ CBR Test Apparatus LCB-2 is used to determine quickly and efficiently the bearing capacity of soils on road constructions, foundations, road subgrades. Load is applied through a mechanical jack and handwheel. Upper beam can be adjusted in height.

The working principle of the instrument is the use of rear axle load of not less than 60KN truck, with Jack loading, through penetration rod measured quantity of penetration and dynamometer measured load weight, the soil CBR value calculation of field.

SPECIFICATION

Capacity of mechanical jack	60KN
Stroke of mechanical jack	80mm
Capacity of load ring	50KN
CBR Penetration piston	Φ50mm
Dial indicator	0~30mm
Annular surcharge weight	Φ254mm 4.5kg
slotted surcharge weight	4.5kg 2 pcs; 9kg 2 pcs



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