



TINPENG

CBR TEST MACHINE

STANDARD: BS 1377, 1924; EN 13286-47; ASTM D1883; AASHTO T193

This machine is suitable for test of soils and mix materials (the grain size of the soil is less than 40mm) compacted with CBR mold so as to confirm the bearing loading ability of pavement, roadbed subcrust as well as material layer of the roadbed to be designed. It consists of a twin column frame, proving ring, penetration bar, loading plate, micrometer, measuring device for swell increment etc. and easy to operate.

◀ CTM-01 CTM-02 ▶



TECHNICAL SPECIFICATION

• Dial indicators for CTM-01 need to be ordered separately.

CTM-01

Capacity	30 KN/50KN (selectable)
Load speed	1.0 mm/min
Penetration rod	dia. 50 mm x 100 mm
Platen	dia. 170 mm
Platen stroke	50 mm
Test mould	dia. 152 mm x 170 mm
Dimensions	34 x 50 x 88 cm
Power	380 V, 50 Hz, 150W
Weight	82 Kg

CTM-02

Maximum load	50 KN
Load speed	1.0 / 1.27 mm/min
Penetration rod	50 mm x 100 mm
Test mould	152 mm x 170 mm
Load ring capacity	50KN, 0.001 mm div. incl
Dimensions	34 x 45 x 88 cm
Power	220V, 50Hz, 500W
Weight	102 Kg

SINCE 2006

ZHUOZHOU TIANPENG INSTRUMENT MANUFACTURING CO., LTD.

Website: www.testmould.com Tel: +86-312-3852880

Manufactured from high quality, longlasting material and with regular maintenance will give years of satisfactory performance.

ASTM STANDARD

- 34-T0090** CBR mould complete with collar and perforated base plate. Plated steel, 6 in. (152.4mm) dia. x 7 in. (177.8mm) body height
- 34-T0091** Spacer disc with "T" handle. 515/16 in. dia. (150.8 mm) x 2.416 in. (61.4 mm) high
- 34-T0094** Annular surcharge weight, 2.27 kg
- 34-T0095** Slotted surcharge weight, 2.27 kg
- 34-T0098** Cutting edge
- 34-T0097** Solid CBR base
- 34-T0099** Straight edge. 3x30x300 mm



34-T0090



34-T0091



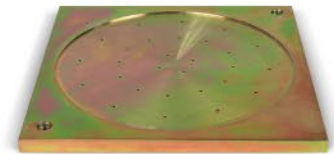
34-T0094



34-T0095



34-T0098



34-T0097



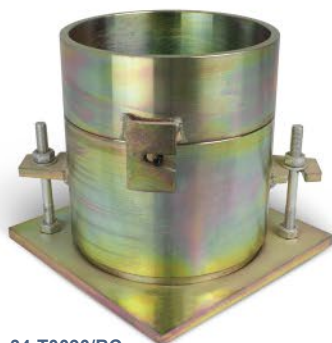
34-T0099

BRITISH STANDARD

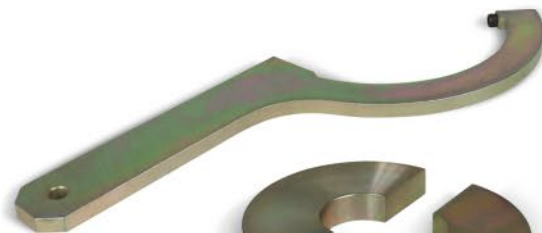
- 34-T0090/B** CBR mould body with base plate, made from plated steel threaded on both ends. 152mm ID x 127mm high, 50mm high collar
- 34-T0090/BC** CBR mould with three plugs collar
- 34-T0090/B6** "C" spanner. To mount and to dismount the collar from the mould body, 1kg
- 34-T0095/B** Split surcharge weight (2 kg, 2.27 kg selectable)



34-T0090/B



34-T0090/BC



34-T0090/B6



34-T0095/B

EXPANSION (SWELL) TEST APPARATUS

- 34-T0093** Dial gauge tripod
- 34-T0092/A** Aluminium swell plate
- 34-T0092/B** Brass swell plate



34-T0093



34-T0092/A



34-T0092/B