

## SWELL TEST APPARATUS

### ■ 34-T0092

Perforated plate with adjustable stem (swell plate)

### ■ 34-T0092/F

Same as above conforming to NF standards

Placed on top of the soil sample to enable monitoring of swelling. Manufactured from plated steel except disc of 34-T0092/F in plastic with 3 mm dia. holes.

**ⓐ Diameter:** 34-T0092: 149.2 mm (5 7/8 in.); 34-T0092/F: 150 mm

**Ⓚ Weight approx.:** 34-T0092: 1 kg; 34-T0092/F: 0.3 kg



34-T0093 with 82-D1255, 34-T0092

### ■ 34-T0093

Dial gauge tripod

Used to support the dial gauge for monitoring the swelling of CBR samples. Made from a special non-corrodable alloy.

**Ⓚ Weight approx.:** 0.3 kg

## Accessories

➤ **82-D1256** Dial gauge 25 mm range, 0.01 mm subdiv. or

➤ **82-D1253** Dial gauge 1 in. range, 0.001 in. subdiv. or

➤ **82-D1255** Dial gauge 10 mm range, 0.01 mm subdiv.

### ■ 34-T0100/B

Large soaking tank

In this plastic water tank the CBR moulds are immersed during the swelling test. Supplied complete with supporting base, which allows free water circulation. Capacity: 6 CBR moulds

#### ⓐ Dimensions:

- ex. 800x600x550 mm
- in. 680x490x540 mm

**Ⓚ Weight approx.:** 9.1 kg



34-T0100/B with CBR moulds

## CBR LOADING FRAMES AND PRESSES

### 📄 STANDARD

pr **EN 12286-47**

ASTM D1883

AASHTO T193

NF P94-078

NLT 111

CNR-UNI 10009

BS 1377-4

## Introduction

The CBR penetration test can be performed with different testing machines:

- Specific model 34-T0106 Series, single speed
- Multispeed testing machine also used to perform other tests (e.g. Marshall test), 34-T0107 Series (see page 120)
- Universal "Uniframe" tester working either in speed or load control 70-T0108/E Series (see page 317)
- Universal high capacity "Multiensayo" tester 70-S16 and 70-S17 Series (see page 300)

All the above have to be completed by the suitable accessories, which may change conforming to the standard in use and the level of sophistication preferred.

For instance, the specific model Series 34-T0106 can be equipped either with a standard load ring and dial gauge or with an electronic load cell, displacement transducer, digital data acquisition and software for PC connection.

The specific testing machine Series 34-T0106 is also proposed in the BS version 34-T0106/BS with a testing speed of 1 mm/min instead of 1.27 mm/min. Finally, to simplify your selection we also propose the above models complete with CBR accessories in the analogic version (see 34-T0106/A and 34-T0106/B models). Hand operated models for field use are also available (see page 124).



34-T0106