

# A.C.V. APPARATUS

## AGGREGATE CRUSHING VALUE (A.C.V.) AND WET DRY STRENGTH VARIATION AS 1141.22

This apparatus is used for the determination of the crushing value of coarse aggregate and for the variation in strength for aggregate tested both in the oven dry and saturated surface dry conditions.

### CL30300 A.C.V. KIT

75mm kit consists of:

#### CL30300/1 PLUNGER

The Civilab ACV Plunger is machined from one piece of solid steel. It is 75mm in diameter, tapered, and after hardening is ground to a smooth flat finish.

#### CL30300/2 BASE PLATE

Base Plate is 120mm in diameter by 10mm thick and hardened and ground to a smooth

#### CL30300/3 CYLINDER

Internal diameter of 75mm x 75mm depth. The cylinder has been hardened and has a smooth finished bore.

#### CL30300/4 TAMPING ROD

Tamping Rod 8mm diameter - spherical end - used with small cylinder and measure.

#### CL30300/5 MEASURE

A cylindrical metal measure - internal diameter 60mm x 90mm height. For measuring the amount of test sample to be used.

### CL30310 ACV KIT - 150mm kit consists of:

CL30310/1 PLUNGER - 148mm diameter

CL30310/2 BASE PLATE - 230mm diameter x 10mm thick

CL30310/3 CYLINDER - Internal diameter 150mm x 130/140mm deep

CL30310/4 TAMPING ROD - 15mm diameter

CL30310/5 MEASURE - Internal diameter 115mm x 180mm high

CL30320 ACV KIT - 300mm kit manufactured by request.

### CL30160 SPECIFIC GRAVITY BASKET

Manufactured from perforated plate. The basket is 200mm diameter by 400mm high. Fitted with a handle for ease of lifting and weighing.

### CL30162 SPECIFIC GRAVITY BASKET

As per CL30160 but with 200mm diameter x 200mm high.

### CL30310/6 RUBBER MALLET

Rubber mallet with a face of approx 75mm diameter and a mass of 1100grams. The handle is approx 300mm long.

