

## AGGREGATE CRUSHING VALUE APPARATUS

As Per IS 9376 - 1979 & IS 2386 (Part IV) - 1963.

Useful to measure resistance of aggregates to crushing under a gradually applied compressive load.



**NOTE :** On special request **AIC-ACV-300. AGGREGATE CRUSHING VALUE APPARATUS.** 300mm DIA (For 1" to 2" Size aggregates) also can be supplied.

PARTICULAR	AIC-ACV-150	AIC-ACV-075
Useful for Aggregate Size	3/8" to 3/4"	1/8 to 1/4"
Open Ended Hardened Steel Cylinder	150±0.5mm Dia 130-140mm High 15mm Wall Thickness	75±0.5mm Dia 70-80mm High 10mm Wall Thickness
Steel Base Plate	200-230mm <sup>2</sup> 6mm Thickness	110-115mm <sup>2</sup> 6mm Thickness
Steel Plunger	148±0.5mm Dia 100-115mm High	73±0.5mm Dia 65-75mm High
Steel Cylindrical Metal Measure Duly finished. (Optional)	<b>AIC-ACV-CMM-115.</b> 115±0.5mm Dia 180±0.5mm High	<b>AIC-ACV-CMM-060.</b> 60±0.5mm Dia 90±0.5mm High
Steel Tamping Rod Duly chromed. (Optional)	<b>AIC-ACV-TR16450.</b> 16mm Dia 450-600mm Long	<b>AIC-ACV-TR8300.</b> 8mm Dia 300-350mm Long

## AGGREGATE IMPACT TEST APPARATUS

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Instrument is to determine the Impact Value of Coarse Aggregate to sudden shock or Impact.

### AIC-AIV-BL380 AGGREGATE IMPACT TEST APPARATUS WITH BLOW COUNTER

Consist of a base weighing between 22-30kg having lower surface of 30cm and support columns to form a rigid frame work around the quick release trigger mechanism to ensure an effective free fall of the hammer during test. The free fall can be adjusted through 380±5mm. An automatic blow counter is fitted on the top of the apparatus.

A Metal Tup (Hammer) of 13.75±0.25kg, provided with a locking arrangement. The lower end is of cylindrical shape of 100mm Dia x 50mm Long with 2mm chamfer at the lower end and case hardened.



### STANDARD ACCESSORIES

#### AIC-AIC-CUP102 AGGREGATE IMPACT TESTING CUP

To test the aggregate sample for aggregate impact value.  
102mm Dia x 50mm Depth.

#### AIC-AIV-CUP75 AGGREGATE IMPACT MEASURING CUP

To measure the aggregate sample for testing aggregate impact value.  
75mm Dia x 50mm Deep

#### AIC-TR-10230 TAMPING ROD FOR AGGEGATE IMPACT TEST

It is used for tamping aggregates during conducting aggregate impact value test.  
10mm Dia x 230mm Long, rounded at one end.