

Aggregate Crushing Value Apparatus

Make: LabTek

Model: SL-AG-001

Origin: India

Standards: IS 2376 (PART-IV) & BS 812:111

Specification: The Aggregate Crushing Value (ACV) test set provides a relative measure of the resistance of an aggregate to crushing under a gradually applied compressive load. Each set consists of steel cylinder, plunger, base plate, cylindrical measure and tamping rod. All parts of the apparatus are powder coated or galvanized steel, heat treated and ground before manufacturing to make it durable and reliable.

Consists of M.S. Cylindrical Container 150mm +/-0.5mm dia x 130mm to 140mm high with base plate 200 to 230mm/sqr x 6mm thick. A Plunger of 148mm +/-0.5mm dia x 100 to 115mm high. Supplied complete with Tamping Rod, 16mm dia x 600mm long, both ends rounded, 1 no. Metal Measure 115+/- 0.5mm dia x 180 +/- 0.5mm high.

Note:

On Special Request Aggregate Crushing Value Apparatus having 75mm dia or 300mm dia cylinder size can be supplied.



Aggregate Impact Tester

Make: LabTek

Model: SL-AG-002

Origin: India

Standards: IS 2386 (PART IV) 9377 & BS 812:112

Specification: It is robustly designed to determine the aggregate impact value (AIV) of aggregates which provides a relative measure of the resistance of an aggregate to sudden shock or impact. The counter fitted to the machine automatically records the number of blows delivered to the sample, manufactured from heavy duty plated steel to resist corrosion.

The instrument consists of a circular base with Two vertical guides. The Hammer of weight 13.75 +/-0.25kg can be raised to fall freely down the vertical guides. The Height of fall can be adjusted through 380 +/- 5mm. The Hammer is provided with a locking arrangement. The hammer falls freely to the base and is removable for employing. Supplied complete with metal measure 75mm dia x 50mm high. (For specimen preparation) and Tamping Rod 230mm long x 10mm diameter.

A Blow Counter to count the number of strokes is fitted on top of the equipment.



Sample Splitter

Make: LabTek

Model: SL-AG-003

Origin: India

Standards: EN 932-5 | EN 933-3 | EN 932-1 | ASTM C 136

Designed for the reduction of test samples which are too large in volume to be conveniently handled. It handles any material from Sand sizes up to dia. 108 mm. Each Chute bar is 12 mm wide so that openings of 12-24-36-48-60-72-84-96-108 mm are possible. Supplied complete with two collecting pans. Clam shell hopper: 30 litres capacity. Very sturdily constructed, it is totally Cadmium Plated for rust protection.

Applications sampling and sample dividing

Field of application agriculture, biology, chemistry / plastics, construction materials, engineering / electronics, environment / recycling, food, geology / metallurgy, glass / ceramics, medicine / pharmaceuticals

Feed material bulk materials

Material feed size*	RT 6.5: ~ 4 mm	Batch size / feed quantity* RT 6.5: ≤ 3 l	W x H x D RT 6.5: 30 x 27 x 25 cm	Net weight RT 6.5: ~ 3.5 kg
RT 12.5: ~ 8 mm		RT 12.5: ≤ 3 l	RT 12.5: 30 x 27 x 25 cm	RT 12.5: ~ 3.5 kg
RT 25: ~ 16 mm		RT 25: ≤ 16 l	RT 25: 62 x 42 x 26 cm	RT 25: ~ 21.5 kg
RT 37.5: ~ 25 mm		RT 37.5: ≤ 16 l	RT 37.5: 62 x 42 x 26 cm	RT 37.5: ~ 21.5 kg
RT 50: ~ 33 mm		RT 50: ≤ 16 l	RT 50: 62 x 42 x 26 cm	RT 50: ~ 21.5 kg
RT 75: ~ 50 mm		RT 75: ≤ 16 l	RT 75: 62 x 42 x 26 cm	RT 75: ~ 21.5 kg

