

## Impact and Crushing Value

### Aggregate Crushing Value (ACV) Sets

**UTA-0630** Aggregate Crushing Value (ACV) Set  $\varnothing$  150 mm

**UTA-0640** Aggregate Crushing Value (ACV) Set  $\varnothing$  75 mm

The Aggregate Crushing Value (ACV) Test Set measures how resistant an aggregate is, when being crushed under a gradually applied compressive load. Each set consists of steel cylinder, plunger, base plate, cylindrical measure and tamping rod. For durability and reliability, all parts of the apparatus are galvanized steel or powder coated, heat treated and ground prior to manufacturing. For aggregates smaller than 10 mm, a 75 mm diameter cylinder and associated equipment is available.

UTA-0630 and UTA-0640 Test Sets are also used for the Ten Percent Fines Value (TFV) of aggregates according to BS 812:111.

The Aggregate Crushing Value (ACV) Set is supplied complete with:

- Cylinder
- Base Plate
- Plunger
- Cylindrical Measure
- Tamping Rod

### Aggregate Impact Value (AIV) Test Machine

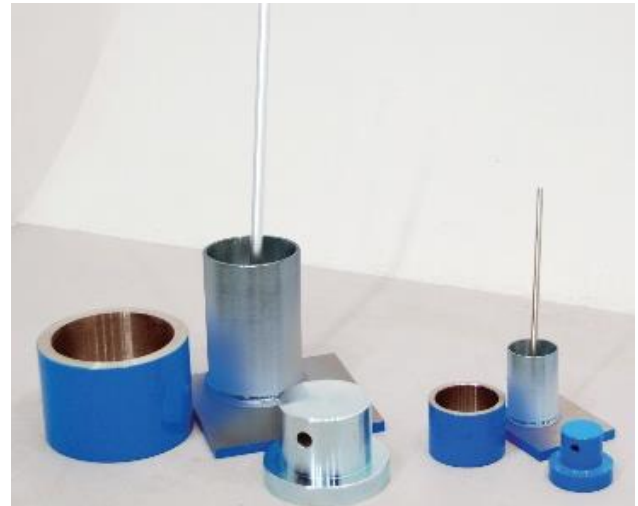
UTA-0650

The Aggregate Impact Value Testing Apparatus 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 number of blows delivered to the sample is automatically documented by the counter that is fitted to the machine. The counter is made of heavy duty plated steel which is resistant to corrosion.



The Aggregate Impact Value (AIV) Apparatus is supplied complete with:

- Cylindrical Measure,  $\varnothing$  75 mm
- Steel Tamping Rod,  $\varnothing$  16x600 mm



### Technical Specifications

Model	UTA-0630	UTA-0640
Dimensions (mm)	250x250x600	120x120x350
Weight (approx.)	29 kg	6 kg

### About PCTE

PCTE have over 30 years' experience in the measurement and testing of construction materials. PCTE can provide more than just the equipment, they can provide expert training. PCTE have a service centre in Sydney in which they can provide calibration, repairs and warranty repairs.

### Other Equipment

PCTE supply three main ranges: NDT, Lab and Geotech Instrumentation.

NDT includes: Rebound Hammers, Covermeters, Ultrasonics, GPR, Corrosion Testing, Coating Testing and Foundation Testing

Lab includes equipment for: Concrete, Cement, Aggregate, Soil, Asphalt and Metal

Geotech Instrumentation includes: Strain Gauges, Piezometers, Inclometers, Extensometers, Tiltmeters, Load Cells and Dataloggers