


Strength

TG-203

# Aggregate Crushing Value Apparatus

Crushing value

IS 2386-4

Steel cylinder, plunger and base plate, with tamping rod and measure, for the aggregate crushing value test to IS 2386 (Part 4).

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## Description

The set is a 150 mm open-ended steel cylinder with a plunger and base plate, made to the dimensions in IS 2386 (Part 4). Every surface that touches the aggregate is machined and case-hardened to at least 650 HV (Vickers).

The cylinder is 152 mm across inside and 130 to 140 mm high, with walls at least 16 mm thick. The plunger piston is 150 mm across, and the square base plate is 6.3 mm thick and 200 to 230 mm along each side.

It comes with a 16 mm tamping rod, 450 to 600 mm long and rounded at one end, and a rigid cylindrical measure for the sample, 115 mm in diameter and 180 mm high inside.

Supplied ready for use with operating manual and test certificate. Contact us for configuration options, accessories and calibration services.

## Technical specifications

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| **Cylinder (internal)** | 152 ± 0.5 mm dia × 130–140 mm high |
| **Cylinder wall** | At least 16 mm |
| **Plunger piston** | 150 ± 0.5 mm dia, at least 25 mm deep |
| **Plunger stem** | 100–150 mm dia, overall height 100–115 mm |
| **Base plate** | 6.3 mm thick, 200–230 mm square |
| **Contact surface hardness** | >= 650 HV, case-hardened |
| **Tamping rod** | 16 mm dia × 450–600 mm |
| **Measure (internal)** | 115 mm dia × 180 mm high |