

# HİRA TESTING EQUIPMENT



## AGGREGATE CRUSHING VALUE APPARATUS

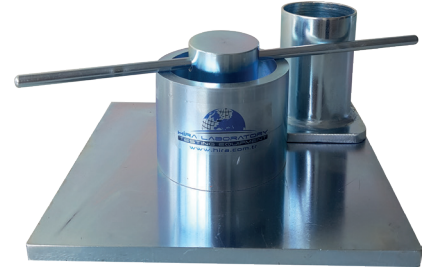
STANDARDS: BS 812:110

Aggregate crushing value provides a relative measure of the resistance of an aggregate to crushing under a gradually applied compressive load.

Consists of Ø150 mm steel cylinder, plunger, base plate, tamping rod Ø16 x 600 mm and measure Ø115 x 180 mm deep. Used for aggregate passing 12.7 mm and retained by 9,52 mm sieve.

Consists of Ø75 mm steel cylinder, plunger, base plate, tamping rod Ø8 x 300 mm and measure Ø57 x 90 mm deep. Used for aggregates smaller than 9,52 mm.

All parts are powder coated or galvanized.



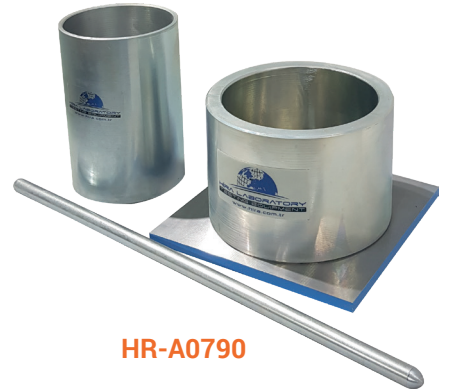
**HR-A0785**

### Technical Specifications:

Product Code	Product Name	Dimensions (mm)	Weight (kg)
HR-A0785	Aggregate Crushing Value (ACV) Set, Ø 75 mm	120x120x350	8,5
HR-A0790	Aggregate Crushing Value (ACV) Set, Ø 150 mm	250x250x600	32

### Spare Parts & Accessories:

Product Code	Product Name	Dimensions (mm)	Weight (kg)
HR-A0785/1	Steel Cylinder for HR-A0785	Ø 75	1,5
HR-A0785/2	Base Plate for HR-A0785	---	4
HR-A0785/3	Plunger for HR-A0785	---	1,5
HR-A0785/4	Cylindrical Measure for HR-A0785	Ø 57 x 90	0,750
HR-G0762	Tamping Rod for HR-A0785	Ø 8 x 300	0,750
HR-A0790/1	Steel Cylinder for HR-A0790	Ø 150	6
HR-A0790/2	Base Plate for HR-A0790	---	16
HR-A0790/3	Plunger for HR-A0790	---	6
HR-A0790/4	Cylindrical Measure for HR-A0790	Ø 115 x 180	2,5
HR-G0763	Tamping Rod for HR-A0790	Ø 16 x 600	0,950



**HR-A0790**

## SAND EQUIVALENT TEST SET

STANDARDS: EN 933-8, ASTM D2419, AASTHO T176

Sand Equivalent Test Set is used to determine the fines of aggregates.

The Sand Equivalent Test Set complete with siphon assembly (irrigator tube with valve, rubber stopper, siphon tube and hose, blow tube), weighted foot assembly, funnel, measuring can, 5 lt capacity sand jar, 300 mm Steel Ruler and a carrying case.

Supplied with two Sand Equivalent Measuring Two Graduated Cylinder for EN Model and two Sand Equivalent Measuring Graduated Cylinder for ASTM Model.



**HR-A0805**



HR-A0810

**Spare Parts & Accessories:**

Product Code	Product Name	Standard
HR-A0805/1	Measuring cylinder	EN
HR-A0810/1	Measuring cylinder	ASTM
HR-A0805/2	Siphon Assembly	EN, ASTM
HR-A0805/3	Weighted foot Assembly	EN, ASTM
HR-G0476	Steel Ruler, 300 mm	EN, ASTM
HR-G0314	Funnel	EN, ASTM
HR-G0610	Measuring Can, Ø 55 x 35 mm	EN, ASTM
HR-S5710	5 lt Capacity Sand Jar	EN, ASTM
HR-A0805/4	Carrying Case	---

**Technical Specifications:**

Product Code	Product Name	Standard	Dimensions (cm)	Weight (kg)
HR-A0805	Sand Equivalent Test Set	EN	45x55x15	4,6
HR-A0810	Sand Equivalent Test Set	ASTM	45x55x15	4,6

## SAND EQUIVALENT SHAKERS

STANDARDS: EN 933-8, ASTM D2419, AASTHO T176

The unit provides a constant uniform shaking with automatic cycle test. Provides shaking action at the specified rate and stroke.

Supplied complete with built in timer that stops the shaker at the end of the test.

Two models are available HR-A0815 without Security Cabinet and HR-A0820 with Security Cabinet.

When opening cabinet's door during shaker working, a micro switch automatically stops the machine.



HR-A0815

HR-A0820



HR-A0805/1



HR-A0810/1