

## HİRA TESTING EQUIPMENT

### WALTZ CONSISTOMETER

STANDARDS: EN 12350-4

To measure the consistency of fresh concrete.

Degree of Compactability (Waltz) Container, made of metal, 1.5mm thickness, 200x200 mm base, 400 mm height, square prism container with two carrying handles.

Painted for rust protection.

#### Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-C0895	Waltz Container	30x20x40	6



HR-C0895

### CONCRETE PENETROMETER

STANDARDS: ASTM C403, AASHTO T197

Used to determine the setting time of the mortar fraction in concrete mixes with slump greater than zero, by testing mortar sieved from mix.

The apparatus consists of a spring penetrometer (capacity 100 kgf, precision 1 kgf) and six interchangeable stainless steel needle pointers of 16-32-65-160-325-650 mm<sup>2</sup> area.

Penetrometer with the handle, barrel and spring-reaction plunger, graduated 10 N to 981 N (1 to 100 kgf).

A sliding ring indicates the reached load on the handle of the penetrometer.

Supplied complete with carrying case.



HR-C0900

#### Spare Parts & Accessories:

#### Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-C0900	Concrete Proctor Penetrometer	55x25x7	4

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-C0900/1	Penetrometer Needle Set	---	---
HR-C0900/2	Carrying Case	55x25x7	1

### CONCRETE POCKET PENETROMETER

STANDARDS: ASTM C403, AASHTO T197

Used for the evaluation of the initial set of the concrete mortar for field and laboratory use.

The penetration plunger has a tip area of 32 sq/mm. The plunger graduated 0,5 MPa.

#### Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-C0905	Concrete Pocket Penetrometer	2,5x1,5x21	0,400



HR-C0905