

## CONFINED FLOWABILITY DETERMINATION

### J-RING APPARATUS

STANDARD: EN 12350-12

To determine the flowability, i.e. the flow time and the capability of the self compacting concrete to pass through obstacles.

#### C174N

NARROW GAP J-RING, galvanized steel made, having rectangular section 30x15 mm and median diameter of 300 mm.

The median circumference of the ring is drilled, and n. 16 cylindrical bars  $\varnothing$  18x140 mm are fixed into the holes.

The bars have a close distance of 41 mm between them, to simulate a condition of higher density of the reinforced bars.

#### C174-01N

WIDE GAP J-RING, similar to C174N, but having n° 12 cylindrical bars and 59 mm distance between them, to simulate a condition of standard density of the reinforced bars.

#### C170

SLUMP CONE, galvanized steel.

#### C170-01

PLATE, galvanized steel made, dimensions 900x900 mm, with engraved two circles having 210 and 500 mm diameter and central X cross.

#### C183

### VEBÉ TIME CONSISTOMETER

STANDARD: EN 12350-3

The Vebé consistometer determines the consistency and workability of concrete, based on the same principle of slump test, but with the advantage of a mechanical action. The concrete is subjected to vibration after the cone has been removed, until a transparent disk placed on the material makes complete contact with it. The time required to perform the operation indicates the workability or VEBE degree.

Supplied fully equipped.

**Power supply:** 230V 1ph 50Hz 250W

**Dimensions:** 400x250x690 mm

**Weight:** 100 kg approx.



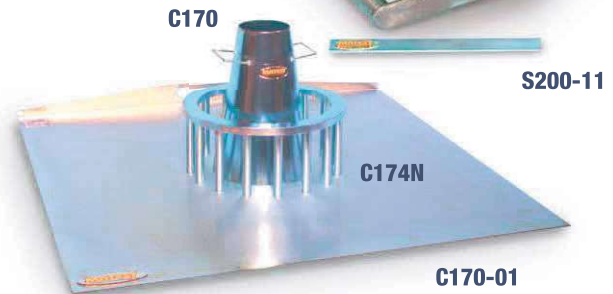
C183



C184N



C173



C170

S200-11

C174N

C170-01

#### C184N

### VIBRATING TABLE (Vebé consistometer)

STANDARD: ASTM C1170

For determining the consistency and density of roller-compacted concrete. Similar to mod. C183, but conforming to ASTM C1170 Spec. with sliding weight of 50 lbs

**\* Power Supply:** 230V 1ph 50Hz 180W

**Dimensions:** 280x400x900 mm

**Weight:** 110 kg approx.

 **\*Note:** The vibrating table is available also at:  
230V 60Hz and 110V 60Hz

#### ACCESSORY for the C184N table

**C184-10N** SLIDING WEIGHT 20 LBS (that replaces the standard 50 lbs one) + base to fix a cylinder mould  $\varnothing$  6"x12" (optional mod. C258-03) to conform the Vibrating Table to the ASTM C1176 Specifications.



C258-03

C184-10N