

## VEBE CONSISTOMETER APPARATUS (ASTM)

Standard: ASTM C1170, ASTM C1176

### Workability & Consistency

Vebe Consistometer is designed for use in determining the consistency and density of roller-compacted concrete. The test can be performed on both laboratory and field prepared freshly mixed concrete with a maximum aggregate size 22" (50mm) or less. In addition to roller compacted concrete, the device can be on cement treated, aggregates & soil cement type mixer. Meets ASTM C1170 Test Method for consistency and density determinations of roller-compacted concrete. Can be used on both laboratory and field prepared mixes.

#### Technical Specifications :

| Model Number           | CL 4005 X / 002             |
|------------------------|-----------------------------|
| Dimension (mm)         | 480 (L) x 430 (W) x 880 (H) |
| Desk Area (mm)         | 380 (L) x 250(W)            |
| Amplitude (mm)         | 0.43 ± 0.08                 |
| Cylindrical Mould (mm) | Ø240 x 200 (H)              |
| Approx. Weight         | 110 kg                      |
| Power                  | 220 V, 50 / 60 Hz, 1 ph     |

#### Unit Consists Of :

| Model Number            | Parts Description                                                      | Qty   |
|-------------------------|------------------------------------------------------------------------|-------|
| CL 4005 X / 002 – P 001 | Cylindrical Mould                                                      | 1set  |
| CL 4005 X / 002 – P 002 | Swivel Arm c/w Sliding Weight (22.7kg/50 lbs)<br>(ASTM C1170 Method A) | 1set  |
| CL 4005 X / 002 - P 004 | Foot Switch                                                            | 1unit |
| CL 7031 X / 001         | Stop Watch                                                             | 1no.  |
| CL 4013 X / 001 – P 003 | Tamping Rod                                                            | 1no.  |

\*1 Copy of Manual Instruction

#### Optional Accessories :

| Model Number            | Parts Description                                          | Qty  |
|-------------------------|------------------------------------------------------------|------|
| CL 4005 X / 002 – A 001 | Sliding Weight (12.5 kg/27.5 lbs)<br>(ASTM C1170 Method B) | 1set |
| CL 4005 X / 002 – A 002 | Sliding Weight (9.1 kg/20 lbs) (ASTM C1176)                | 1set |
| CL 4014 X / 015         | Ø 150 x 300 mm Mild Steel Cylinder Mould                   | 1no. |

