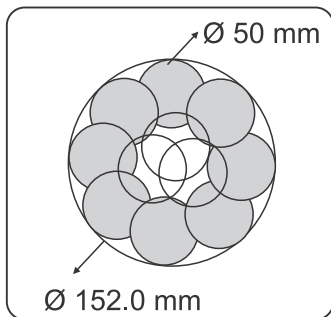


Pro-Ikon Automatic CBR/MOD Compaction Hammer Model PGC-1400

The Automatic CBR/MOD Compaction Hammer is designed to provide a uniform compaction of specified effort, thus ensuring repeatable test results and eliminating any operator fatigue during the tests.



The unique design is to allow the hammer to drop at the required height (305 and 460 mm) onto the specimen that also rotates the mould circularly to distribute the blows uniformly over the surface of the specimen and with a sophisticated compaction pattern technique permits the central blows.

The robust steel frame design housing the motors with durable gearboxes and lifting mechanism which assure uniformity of drop height at all specimen levels.

The hammer pick-up consists of a roller wheel system for accurate and friction free height release and is made of highly resistant material for trouble free long life.

Compaction cycles conforming to the Standards, can be selected on the control panel.

The compactor is provided with a 2.500 kg and 4.500 kg hammer.

The base plate consists of a screw type clamp to secure the mould in place.



KEY FEATURES

- Automatic control by a (PLC) Programmable Logic Controller.
- Pre-programmed compaction cycles conforming to SANS specifications.
- Easy use and maintenance.
- Emergency stop.
- Durable membrane touch button console.
- Unique hammer lifting device with encoders to guarantee correct drop height.
- No mechanical chains.

“The technology embedded in the Pro-Ikon Automatic CBR/MOD Compaction Hammer is protected under SA patent pending no 2017/01055”.

Pro-Ikon Automatic CBR/MOD Compaction Hammer Model PGC-1400

Specifications

MODEL	PGC - 1400
MOULD / SPECIMEN DIA.	152.0 mm
HAMMER FACE DIA.	50 mm
HAMMER WEIGHT (Interchangeable conforming to Standards)	2.500kg AND 4.500kg
HAMMER DROP (Selectable conforming to Standards)	305 mm and 460 mm
BLOW RATE	60 blows/min, approx.
POWER RATING	230V ± 10% 750 W approx.
OVERALL DIMENSIONS (W X D X H)	400 x 600 x 1690 mm
WEIGHT APPROX	115 kg

*** All accessories must be ordered separately**

ACCESSORIES	Hammer 50 mm dia. (2.500 kg weight), Hammer 50 mm dia. (4.500 kg weight), SVC Voltage Stabiliser Output 220 V.
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