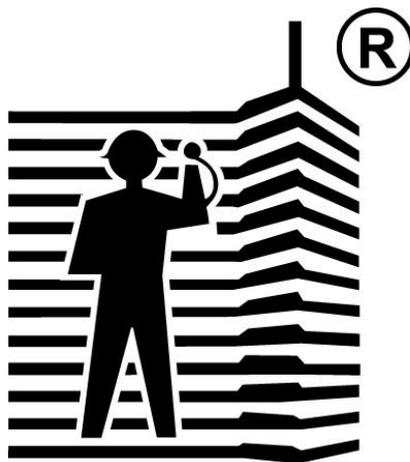


Conbound-3050

Automatic Digital Concrete Hammer

Instruction Manual



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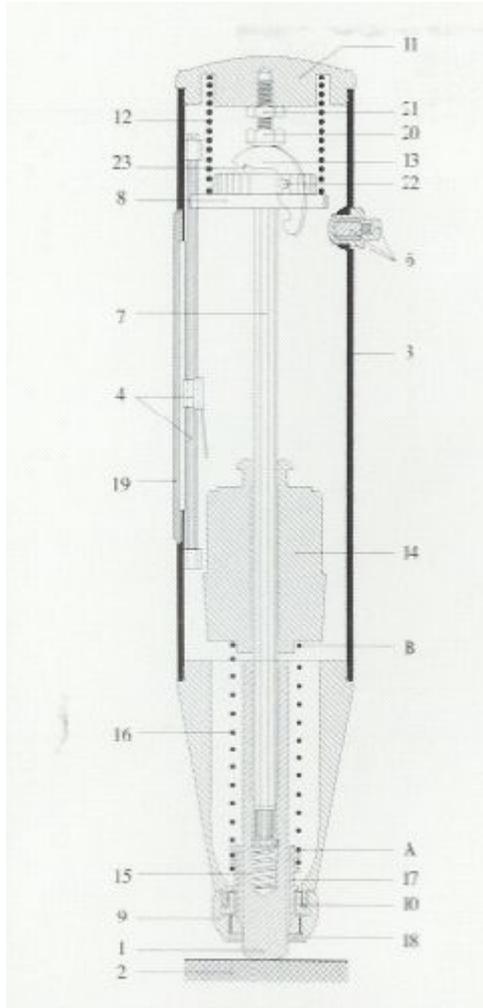
1. Descriptions of the functions

Mainbody



- 1) Printer
- 2) Rebound Value
- 3) Compressive Strength Value
- 4) On/Off Switch
- 5) Battery charging Jack
- 6) Reset button
- 7) Average
- 8) Recording Paper Feed
- 9) Selection of Rebound Angle
- 10) Power Lamp
- 11) Rebound Angle indicator

2. Configurations



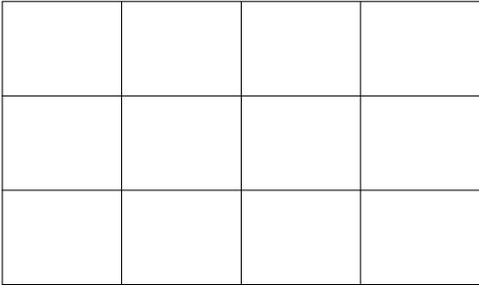
- 1) Impact Plunger
- 2) Concrete Surface
- 3) Housing Body
- 4) Rider with Guide Rod
- 6) Push Button
- 7) Hammer Guide Bar
- 8) Disk
- 9) Cap
- 10) Two Part Ring
- 11) Rear Cover
- 12) Compression Spring
- 13) Pawl
- 14) Hammer Mass
- 15) Retaining Spring
- 16) Impact Spring
- 17) Guide Sleeve
- 18) Felt Washer
- 19) Flexiglass Window
- 20) Trip Screw
- 21) Lock Nut
- 22) Pin
- 23) Pawl Spring

3. Operations

- 1) Switch ON
 - 2) Push the Concrete Hammer on concrete surface without pushing backside button.
 - 3) Check the LED on and be ready to test.
 - 4) When it is not ready, LED is blinking. Recheck.
 - 5) Push the SEL button to match the rebound angle.
 - 6) Push the Concrete Hammer down on 20 test point of concrete surface without pushing backside button.
 - 7) When 20 times of rebound is completed, average value is printed automatically.
(When you push AVE button, average value is printed at that time)
 - 8) When you test new area(sample), press reset button and repeat 5) - 7).
- ** When Test is over, Push the Concrete Hammer down on concrete surface pushing backside button to keep plunger in test hammer body.

4. Preparation for inspection

- 1) Clean up the surface of target area with brush and grinding stone until clean and flat concrete surface is appeared.
- 2) Draw line by 3cm space as follow;



- 3) Push test hammer down on every cross or edge point.
(total 20 times)
- 4) Final average value represents compression strength value.

5. Specifications

- 1) Test Method: Impact Rebound type
- 2) Measuring Range: 100-600kg/cm²
- 3) Weight: 1.4kg
- 4) Display: Rebound Value, Compressive Strength
Automatic Calculation of Average Value
- 6) Standard accessory: Carrying Case, Battery Charger,
Recording Paper(6 Rolls), Grinding Stone, Talc Pencil

** Option : Test Anvil