

# **CEMENT VIBRATING MACHINE (C126)**

Category: Cement



**Product Code:** C126

**Category:** CEMENT

**Sub-Category:** SPECIMEN PREPARATION

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- The Cement Vibrating Machine is engineered for the compaction of cement mortar cubes measuring 70.7 mm, ensuring uniform density and eliminating air voids for accurate

compressive strength testing.

- Operating at a frequency of 12,000 cycles per minute, the machine provides consistent vibration, facilitating the preparation of high-quality mortar specimens in compliance with international standards.
- The robust construction includes a cast iron bed and a vibrator mounted on coiled springs, housing a revolving eccentric shaft driven by a motor through an endless belt, delivering reliable performance over extended use.
- A mould clamp and hopper are integrated into the design, allowing secure placement and filling of the cube moulds during the compaction process.
- The machine's design ensures that the center of gravity, including the cube and mould, aligns with or is within 25 mm below the eccentric shaft, optimizing vibration efficiency.

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### STANDARDS

EN 12390-3 • EN 12390-1 • BS 4550 • IS 10080 • IS 4031

### TECHNICAL SPECIFICATIONS

- Vibration Frequency: 12,000 ± 400 cycles per minute
- Mould Size Compatibility: 70.7 mm cube moulds
- Power Supply: 220-240 V / 50-60 Hz

### ORDERING INFORMATION

Item	Code
VIBRATING MACHINE for 70.7 mm CUBE MOULDS	C126X00BT
VIBRATING MACHINE for 70.7 mm CUBE MOULDS [60 Hz]	C126X00BK

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*Keywords: Cement Vibrating Machine, mortar cube compaction, IS 10080, IS 4031, EN 12390-3, BS 4550, 70.7 mm cube moulds, ALFA Testing Equipment, cement testing apparatus, mortar specimen preparation*