CEMENT FLOW TABLE (Manual)

Code : C021



- The Cement Flow Table is designed to assess the consistency and workability of cement mortars and hydraulic cement pastes by measuring their flow characteristics under standardized conditions.
- This apparatus is essential for quality control in construction materials testing, ensuring that cementitious mixtures meet the required performance criteria for various applications.
- Constructed with a robust brass or stainless steel table top, the flow table provides a durable and stable platform for conducting flow tests, minimizing variability in results.
- The inclusion of a conical brass mould and a standardized tamper allows for the preparation of uniform specimens, facilitating accurate and repeatable measurements of flow diameter.
- Available in both manual and motorized versions, the flow table accommodates different testing needs, with the motorized model offering automated lifting and dropping cycles for enhanced efficiency and consistency.
- The motorized version of the Cement Flow Table enhances testing efficiency by automating the lifting and dropping cycles. Equipped with a control unit, it allows for precise programming of the number of drops,

ensuring consistent and repeatable results. This automation minimizes operator variability and is particularly beneficial for high-throughput laboratories where uniformity and time efficiency are paramount. By reducing manual intervention, the motorized model not only improves accuracy but also enhances safety during testing procedures.

STANDARDS

ASTM C230 • ASTM C1437 • ASTM C109 • EN 459-2 • EN 1015-3 • EN 13279-2 • AASHTO T132

TECHNICAL SPECIFICATIONS

Standard	ASTM C230 • ASTM C1437 • ASTM C109 • AASHTO T132	EN 459-2 • EN 1015-3 • EN 13279-2
Operation	Manual or Motorized	Manual or Motorized
Top Table	Brass Ø 10" (Ø 254 mm)	Stainless Steel Ø 300 mm
Drop height	1/2" (12.7 mm)	10 mm
Brass conical mould	Ø 2.75" / Ø 4.00" x 2" Ø 70 mm / Ø 100 mm x 50 mm	Ø 70 mm / Ø 100 mm x 60 mm
Tamper	Wood 1/2" x 1" x 5"	Metal Ø 40 mm, 250 g

SUPPLIED WITH

- Conical mould
- Tamper
- Motorized models include a control unit for automated operation

ORDERING INFORMATION

Item Name	Item Code
CEMENT FLOW TABLE - ASTM	C021H00AH
CEMENT FLOW TABLE - EN	C021H00EH
MOTORIZED CEMENT FLOW TABLE - ASTM [60 Hz]	C021M00AK
MOTORIZED CEMENT FLOW TABLE - ASTM [50 Hz]	C021M00AT
MOTORIZED CEMENT FLOW TABLE - EN [60 Hz]	C021M00EK
MOTORIZED CEMENT FLOW TABLE - EN [50 Hz]	C021M00ET
BRASS CONICAL MOULD - ASTM	C021P001H
BRASS CONICAL MOULD - EN	C021P002H
TAMPER - ASTM	C021P003H
TAMPER - EN	C021P006H

OTHER PHOTOS

