



# Geotechnical Testing Equipment

## GEOTECHNICAL DIGITAL AUTOMIX (5 Litre Capacity)



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## **Main features**

- 10.1 Automatic testing cycles
- 10.2 Large digital display monitoring the test cycle in real time including total and residual time intervals
- 10.3 Programmable mixing cycles conforming to EN 196-1, EN 196-3
- 10.4 Mixing cycle programmable by the operator
- 10.5 Acoustic signal synchronised with cycle steps
- 10.6 Complete with automatic sand dispenser
- 10.7 Ergonomic and safe design

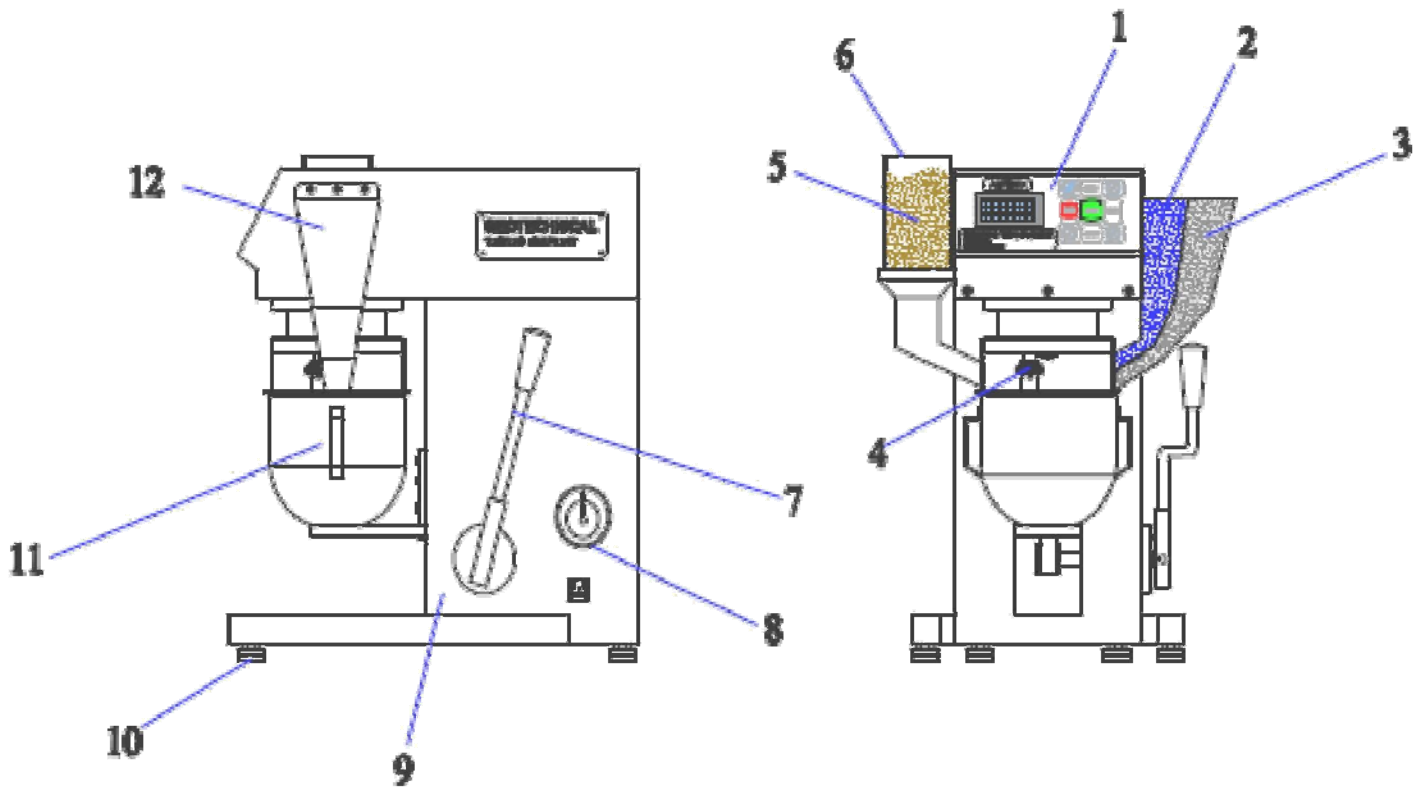
## **Safety features**

- 11.1 Transparent safety bowl cover

**Voltage:** 230 V or 110 V, 50-60 Hz, 1 ph.

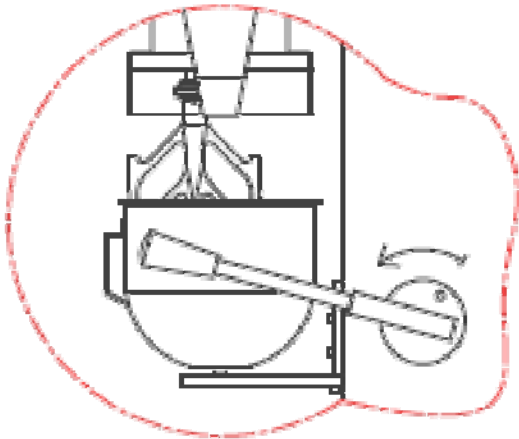
## **Technical specifications**

- 12.1 Robust and stable frame
- 12.2 Easy and fast bowl mounting or removal
- 12.3 Distance between beater and bowl:  $3 \pm 1$  mm during all cycle
- 12.4 Stainless steel beater and bowl
- 12.5 Bowl capacity: 5 litres
- 12.6 Sand dispenser electronically controlled
- 12.7 2 programmable mixing cycles conforming to EN 196-1, EN 196-3
- 12.8 1 mixing cycle programmable by the operator
- 12.9 Alphanumeric display 4x20 characters
- 12.10 2 mixing speeds:  $140 \pm 5$  r.p.m. and  $285 \pm$
- 12.11 10 r.p.m.
- 12.12 Easy and precise mixing speed adjustment
- 12.13 Synchronised acoustic signals with test cycles

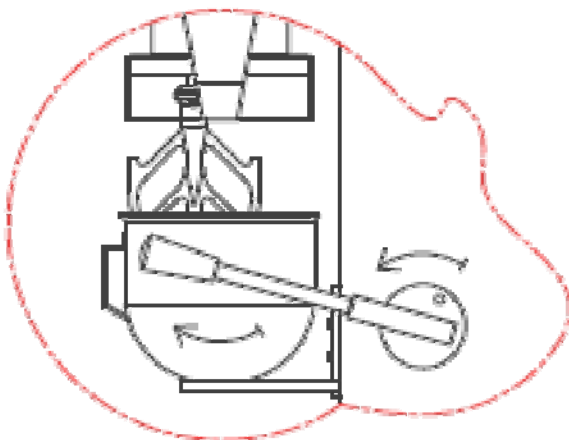


AUTOMIX		
1	DISPLAY	
2	WATER	
3	CEMENT	
4	PALETTE	
5	SAND	
6	CHAMBER FOR SAND	
7	LIFT ARM	
8	ON/OFF BUTTON	
9	FRAME	
10	LEG	
11	CHAMBER	
12	CHAMBER FOR CEMENT AND WATER	

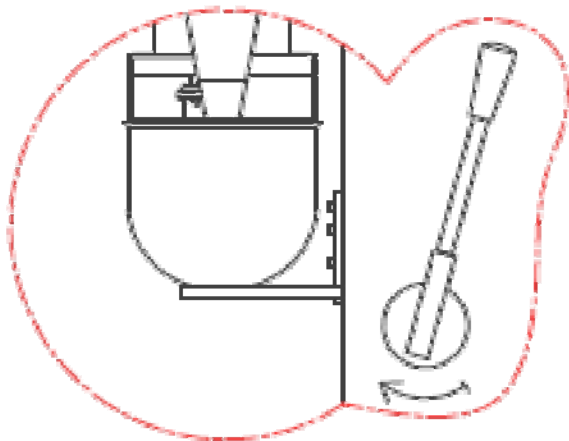
**FIGURE I**



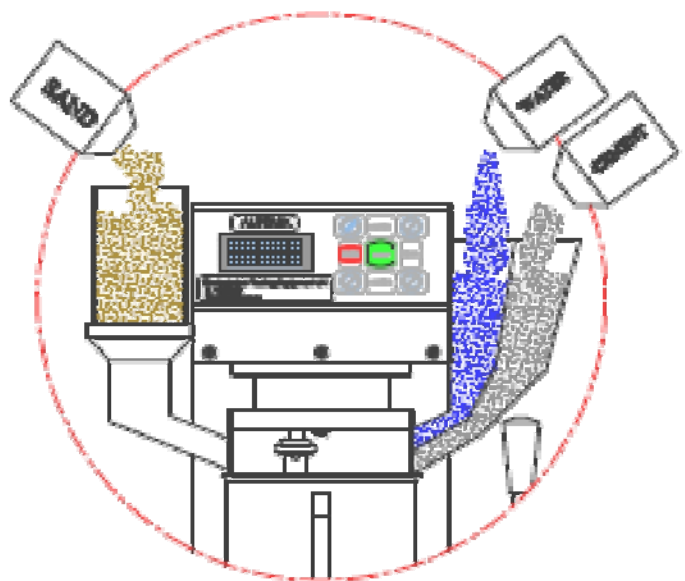
**FIGURE II**



**FIGURE III**



**FIGURE IV**



## 1. Main Controller



## 2. Start the Test



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3. Select the Test Method According to the relative standard



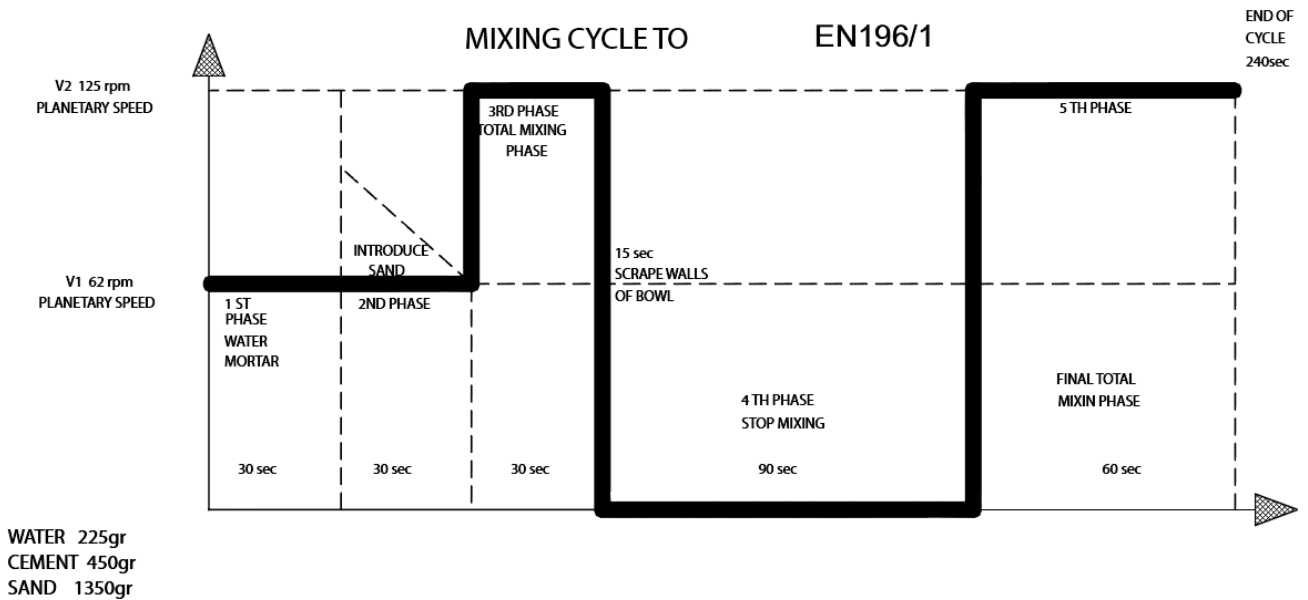
4. Selecting the EN196-1-ASTM C305 Standard Test



## 5. Selecting the EN 196-3 Standard Test



## Mixing Cycles



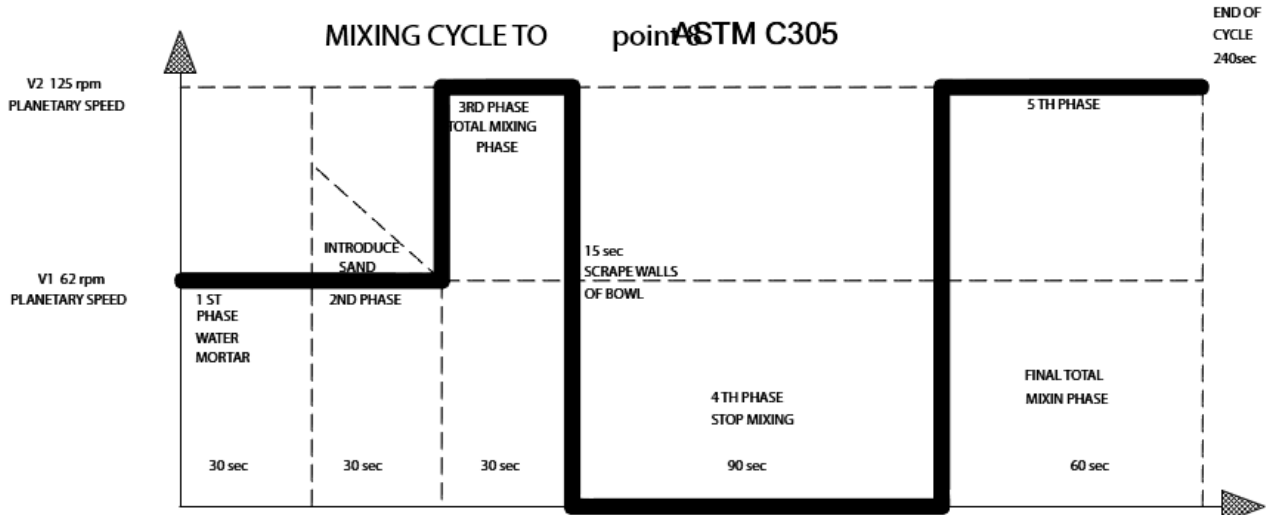
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## Cyc 1

MORTAR MIXER

MIXING CYCLE TO point **ASTM C305**

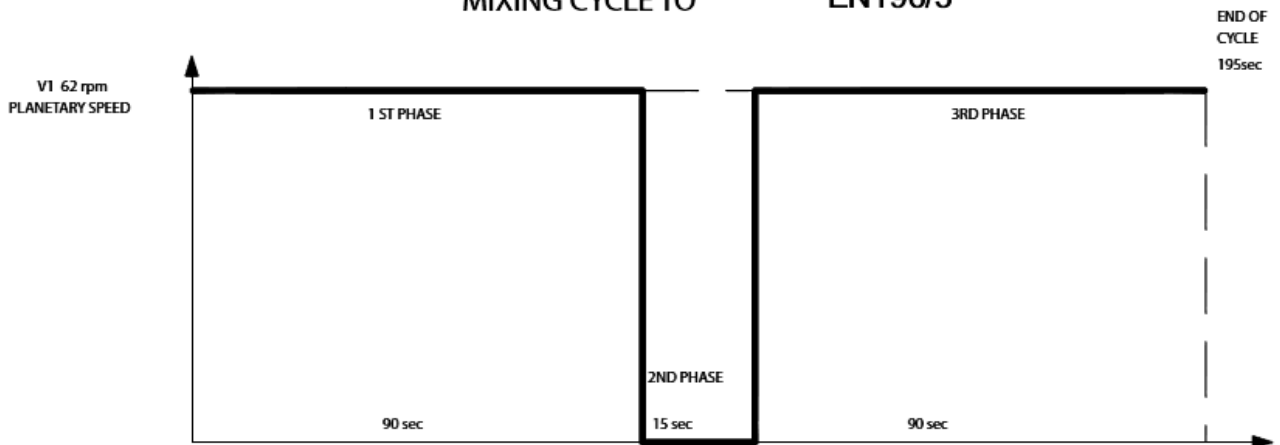


WATER 225gr  
CEMENT 450gr  
SAND 1350gr

## Cyc 2

C 371/A MORTAR MIXER

MIXING CYCLE TO **EN196/3**



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