

# AUTOMATIC AND MANUAL CEMENT MORTAR MIXER

Control designs and manufactures two major types of mixers. These high quality mortar mixers provide laboratories with the best quality mixers available. All mixers provide 4.7 lit stainless steel bowl and stainless steel paddles. Simple and manual mortar mixer: Heavy-duty construction of aluminum and steel sheet provides durability and long service life. The mixing bowl is connected to the mixer by a quick release clamping system. The clearance between the bowl and the paddle is  $3\pm 1\text{mm}$  and can be set easily. The micro-switch prevents the machine from starting without bowl and emergency button is installed for safety. Two speeds are set in machine 140-285rpm for revolving action and 62-125 rpm for planetary action. For automatic version All steps of mixing like timing, speeds, delays and steps of adding cement, water etc. will progress automatically and are shown on a 7" touchscreen LCD.

Model: 2218021 ,2218022

2218011 ,2218022

## Standards

ASTM C305,  
C277  
AASHTO T162  
EN 196-1,3,

## Specifications of Cement Mixer:

- 1- 4.7 Stainless Steel Bowl
- 2- Stainless Steel Flat Beater
- 3- Heavy duty steel frame
- 4- Two Standards Default Beater Speed, 140-285rpm. can be changed and selected by technician.
- 5- All Process of mixing are automatic.
- 6- Adding the specific amount of water (225ml) through bowl is automatic, based on relevant standard.
- 7- Adding the specific amount of sand to mixture is automated by machine software.
- 8- Starting mixer after selecting mixing method by any default standard mixing method, you may do the mix with your choice of setting speed, time of mixing, turning right or left hand.
- 9- 7in Touch screen TFT for easy to start& stop the mixer, changing the speed of beater, setting time of mix at any period of mix processing, Seeing the period of mixing time on display.
- 10- The clearance between the bowl and the paddle is  $3\pm 1\text{mm}$  and can be set easily.
- 11- The mixing bowl is connected to the mixer by a quick release clamping system.
- 12- The clearance between the bowl and the paddle is  $3\pm 1\text{mm}$  and can be set easily.
- 13- Two speeds are set in machine 140-285rpm for revolving action and 62-125 rpm for planetary action.
- 14- For automatic version: Model: 2218021, 250 W, 110V, 60Hz, 1ph, Model: 2218022, 250W, 220V, 50Hz, 1ph, Dimension: 650x350x800mm , Weight: 52kg
- 15- For manual version: Model: 2218011, 250 W, 110V, 60Hz, 1ph, Model: 2218012, 250W, 220V, 50Hz, 1ph, Dimension: 620x320x700mm , Weight: 48kg

