SMARTMIX SM 30A

SMARTMIX is the updated mode of Vortex Mixer. The equipment is ideal for thorough quick mixing of liquids in Test tubes, small flasks and small bottles. The equipment provided with eccentric drive to a rubber buffer cup on the top. The container with the liquids to be mixed is held against the vibrating cup on top. The velocity of the agitation can be controlled by the speed of the vibrating cup and the pressure at which the container is held on the vibrating cup. The unit is also provided with an adaptor with different micro tube holder to use it as a mini shaker. The adaptor can accommodate 6 micro tubes (Eppendorf tubes) of 0.4 ml, or 0.5 ml or 1.5 ml.

TECHNICAL SPECIFICATIONS :

Housing	ABC moulder housing with poly Urethane coating mounted on steel base
Stanility Mounting	Vacuum rubber feet provided to keep the unit stable on table top to aviod skidding while in vibrating mode.
Drive Motor Assembly	AC motor with eccentric drive mechanism to provide vibration to the runner buffer cup.
Speed Control	Thyristorized Electrinic speed control provided to facilitate stepless variable speed of vibration. Speed range 200 to 1600 RPM
Auto / Manual Mode	Provided with option of Auto / Manual Mode for operation. **Auto Mode :** will start the vibtation when the tube is pressed to the vibrating cup at the set speed and will stop when the tube is removed. The agitation varies depending on the set speed by the speed control and also depending on the pressure excreted on to the vibrating cup **Manual Mode :** To manually switch on / off and will operate continuity till switch off.
Adaptor for small tubes	The equipment is provided with a replaceable rubber adaptor that can accommodate micro tubes (Eppendorff tubes) 6 Nos of 0.4 ml or 0.5 ml or 1.5 ml
Electric Power	220 / 230 Volts 50 Hz AC. The unit is provided with 5 Amps 3 pin plug and protective fuse.
Dimensions-WxDxH	130 x 185 x 145 mm
Weight	3.3 Kgs.

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