

Tube Roller Mixer

LTRM-A3 series



Tube Roller Mixer LTRM-A30

Tube Roller Mixer LTRM-A30 is a roller mixer with LED display intended for convenient operation, digital controlling of speed and time with 5 to 35 rpm rotation speed provides specific level of agitation required for a variety of applications. Working disc rotates in the circumferential direction with adjustable speed. It can also be placed in temperature controlled environments, from 5° to 50°C. It is used for the mixing of clinical blood routine and vacuum blood collection tubes.

Features

- Continuous / Timing working mode
- Variable speed and adjustable rotation axis
- Angle of inclination 38°
- LED display
- Safe for use in temperature controlled environments

Application

Used in clinical laboratories for mixing of clinical blood routine and vacuum blood collection tubes..

Tube Roller Mixer LTRM-A3 series

Specification

Model no.	LTRM-A30
Operation method	360° circling rotation
Speed range	5 to 35 rpm
Angle of tilt	38°
Motor type	DC declaration
Running mode	Continuous / timing
Working plate size	300 mm
Number of tubes	24 pcs
Tube diameter	8 to 15 ± 0.1 mm
Mixing time	0 to 999 min
Maximum power consumption	10 W
Power supply	AC 100 to 240 V (50 / 60 Hz)
Permissible ambient temperature	5 to 50°C
Permissible relative humidity	80 % RH
Dimension (W × D × H)	670 × 380 × 380 mm
Net weight	8 kg
Gross weight	10.8 kg

Tube Roller Mixer LTRM-A31

Tube Roller Mixer LTRM-A31 is a 3D rotation mixer that combines action of an orbital shaker and rocker to produce three-dimensional motion. Fixed speed of 20 rpm and 20° tilt angle, provides gentle and in-depth mixing without foaming. Ideal for mixing samples in blood, centrifuge tubes and resuspension of large and fragile DNA fragments. This rotator accommodates centrifuge tube, micro well plate, petri dishes and tissue culture plate and cell culture bottle.

Features

- 3D circling rotational operation mode
- Three dimensional orbital wave rotational motion
- Tilt angle of 20° for mixing of samples with low froth
- Specified anti-slip pad to withhold culture flask and petri dishes
- Driven by high-performance DC motor
- Heavy duty rotator can hold up to 2.5 kg of load
- Anti-slip spike-like pad adapted for mixing of multiple types of test tubes, petri dishes and tubular containers
- Cold room and incubator compatible
- Drip tray prevents accidental spillages

Application

Ideal for mixing and re-suspending samples in blood and centrifuge tubes and employed in most fume hoods and incubators. Also, in varied applications like hybridization reactions, cell growing, gel washing, soft extraction and homogenization of biological components in solutions.

Tube Roller Mixer LTRM-A3 series

Specification

Model no.	LTRM-A31
Operation method	3D circling rotation
Speed range	20 rpm
Angle of tilt	20°
Motor type	DC motor
Running mode	Continuous
Working plate size	240 × 170 mm
Protective class	IP21
Maximum loading weight	0.8 kg
Maximum power consumption	6 W
Power supply	AC 220 V ± 10% (50/60 Hz)
Permissible ambient temperature	5 to 50 °C
Permissible relative humidity	80 % RH
Dimensions	200 × 160 × 160 mm
Net weight	2.5 kg