

Tube Roller Mixer

Tube Rollers are used for uniform mixing of blood samples, viscous liquids, and whole blood components in the anticoagulation tubes or bottles. These rollers can mix samples in any type of liquid containers. Tube rollers are microprocessor controlled with digital timer.

Technical Specifications:

Specifications	ATRL-1
Amplitude	24mm
Motor type	DC motor
Rocking motion	Rocking and rolling
Amplitude	24mm
Max. load capacity & Number of rollers	4kg & 6
Roller size[length]	280mm
Speed range & Speed display	10 -70rpm & Analog
Voltage	100-240V,50/60Hz
Power	30W
Dimension [D×W×H] & Weight	450×260×120mm & 5.1kg
Permissible ambient temperature and humidity	5-40°C,80%RH
Protection class	IP21



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The Tube Roller Mixers mix samples through the simultaneously rolling action of the tubes and the carried vessels (bottles, test tubes etc.). As the tubes rolling, the vessels are rolling too, causing continuous mixing of the liquid inside the vessels. The advanced features are the convenient sample handling and the accommodation of various types of vessels in the mixer without adding any adapters or accessories .

Features:

- ◆ With a slightly tilted angle on the axes of the tubes, a gently rocking action happens when tube rolling. It helps the mixing efficiency of some viscous samples in gentle mode.And it is ideal for mixing blood samples, viscous substances and liquid-solid suspensions where minimum aeration is required or for aiding de-frosting of samples.
- ◆ A rolling action without rocking effect. Samples are mixed with the continuous rolling action.Suitable for powder and particulate mixing.
- a. The model for the rollers is microprocessor controlled. The digital model provides digital timer with up to 10 hours setting and speed control in 1rpm increment.
- b. The model provides a good safety feature: when the motor stalled or overload, the unit will stop, beep and show error message in the LED display.
- c. The TR series are having 10\9\8\6 rollers which suitable for more vessels and tubes. The loading capacity is 10 KG for the above mixers.

Model	AE-TR10	AE-TRR9	AE-TR9	AE-TR8	AE-TRR6	AE-TR6
Action Mode	Rolling only	Rocking / Rolling	Rolling only	Rolling only	Rocking / Rolling	Rolling only
Number of rollers	10	9	9	8	6	6
Speed	5 to 60 rpm, Digital					
Maximum load	10 KG	10 KG	10 KG	10 KG	10 KG	10 KG
Controls	Digital	Digital	Digital	Digital	Digital	Digital
Timer	10H	10H	10H	540 min	540 min	540 min
Roller size	340x30, mm(LXD)					
Dimensions	565x420x100 mm (DXWXH)					
Net weight	10.0 KG	9.0 KG	9.0 KG	8.0 KG	7.0 KG	7.0 KG
Power Supply	DC 12V, 5A	DC 12V, 5A	DC 12V, 5A	DC 12V, 5A	DC 12V, 5A	DC 12V, 5A
Picture						