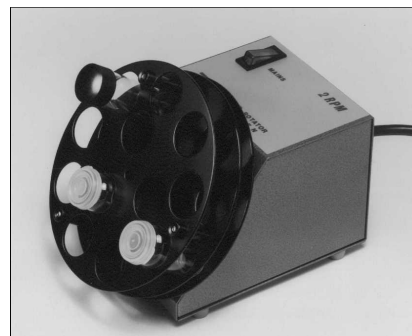


## TAAB Rotators

The **TAAB Rotator** imparts a gentle rotary motion to specimens during processing and is suitable for all fixing, staining, washing, dehydrating and embedding procedures. This speeds up penetration and ensures uniform exposure of the specimen to reagents. The standard head accepts 12 vessels up to 25mm Ø and the speed of rotation can be 2, 4 or 10 rpm. This ensures no frictional damage to the specimen and even viscous embedding media will be kept flowing during specimen impregnation. The small size of the Rotator allows use in refrigerator or incubator as well as on the bench and it will operate in the temperature range 0 to 32°C. The **standard** head can be exchanged at a small cost for other optional heads (see below). It may then be necessary to raise the rotator to prevent the larger diameter head or vessels from touching the bench and TAAB offer a stand (**R070**) to raise the rotator 1" to avoid this problem.



**Overall dimensions:**  
14cm wide x 21cm deep x 13.5cm high  
Weight: 1Kg

**R050** Rotator 2rpm – 240 volt 50Hz  
**R051** Rotator 2rpm – 110 volt 60Hz  
**R051/1** Rotator 2rpm – 110 volt 50Hz  
**R052** Rotator 4rpm – 240 volt 50Hz  
**R053** Rotator 4rpm – 110 volt 60Hz

**R053/1** Rotator 4rpm – 110 volt 50Hz  
**R054** Rotator 10rpm – 240 volt 50Hz  
**R055** Rotator 10rpm – 110 volt 60Hz  
**R055/1** Rotator 10rpm – 110 volt 50Hz

Designed to be used with glass vials G060, G061 with clip on closures and G074, G075 and G076 with screw on closures or similar vessels.

## TAAB Varispeed Rotator

The **TAAB Varispeed Rotator** offers the technician complete flexibility. It is capable of performing the duties of the original fixed speed range and still much more besides. The range of approximately 1 to 36 revolutions per minute is infinitely variable and the torque is constant throughout the speed range. The angle of tilt of the rotator head assembly is adjustable from a horizontal position through 75° movement, thereby greatly extending the possible use of the rotator. The rotator overall size of 17.5cm x 17cm x 19cm is small enough to permit its use in confined spaces.

The rotator comes complete with the **standard** head. However, for a small additional cost it is possible to order the rotator **exchanging** the standard head with one of the optional heads. (Picture shows rotator with **R062** Optional head).



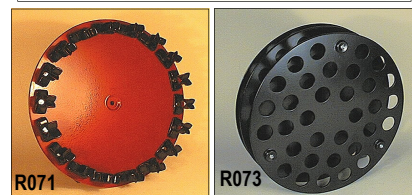
**Overall dimensions:**  
17.5cm wide x 17cm deep x 19cm high  
Weight: 2.53Kg

**R060** Varispeed rotator – 240 volt each  
**R061** Varispeed rotator – 110 volt each

## Rotator Heads – Optional

Optional heads are available to extend the use of the TAAB Rotators. Two types of **inversion** mixing heads are available. One, the **R062** is capable of taking up to 12 plastic coated clips at any one time. This head is supplied with 4 x 1½", 6 x 1" and 12 x ½" clips and selection is made by the operator to meet their needs. The other larger diameter head **R071** comes complete with 18 x ½" diameter clips (requires the use of the **R070** Rotator Stand for the fixed speed rotators.)

Two additional **Rotary** heads are available. The **R072** is similar to the standard head but has a larger disc diameter that requires the use of the Rotator Stand for fixed speed rotators. This head has 12 x 30mm diameter holes to accept larger vessels. The second Rotary Head **R073** is of the standard disc size and has 32 x 13mm diameter holes.



**R062** Optional head – inversion 12 clip type each  
**R071** Optional head – inversion 18 x ½" clip type each  
**R072** Optional head – rotary 30mm diameter type each  
**R073** Optional head – rotary 12.5mm diameter type each  
**R070** Rotator stand – for **fixed** speed models each

**EXCHANGE HEAD** - When ordering a new Rotator, to exchange the **standard** head for one of the **optional** heads, order the Optional head with a "E" suffix (example R072/E) – see price list.

# 5

# Specimen Preparation



SRT6



SRT9

Stacking Kit



SRT9D and SRT6 Stacked



## Tilting Roller/Mixer

Rocking and rolling action for complete mixing with a six roller design (SRT6) with small footprint or nine roller model (SRT9) for high throughput. Both designed for continuous quiet operation in cold rooms down to 4°C or incubators up to 60°C and 80% humidity. **Analogue control** is through a simple on/off switch and the unit will run continuously at the fixed speed of 33rpm. More advanced **digital model** SRT6D & SRT9D with variable speed from 5 to 60rpm and versatile timer which can be set from 1 second to 9 hours.

Both roller mixers are robustly constructed and designed for easy cleaning, having plastic rollers and a drip tray to collect accidental spillages. Most sizes of tubes, Bijoux, Universals and bottles can be accommodated, up to 100mm diameter. An accessory stacking system SRT/STACK is available where bench space is at premium.

Model	SRT6	SRT6D	SRT9	SRT9D
No. of Rollers	6	6	9	9
Speed range rpm	33	5-60	33	5-60
Roller L x D mm	340 x 30	340 x 30	340 x 30	340 x 30
Size W x D x H mm	240 x 565 x 110	240 x 565 x 110	240 x 565 x 110	240 x 565 x 110
Weight Kg	5.1	5.1	6.9	6.9

- R084** Tilting roller/mixer SRT9 - 9 roller **analogue**, fixed speed 230v 50Hz each
- R085** Tilting roller/mixer SRT6 - 6 roller analogue, fixed speed 230v 50Hz each
- R090** Tilting roller/mixer SRT9D - 9 roller **digital**, variable speed 230v 50Hz each
- R091** Tilting roller/mixer SRT6D - 6 roller digital, variable speed 230v 50Hz each
- R092** Stacking accessory kit 4x stacking blocks each



## Vibro-Gene® Mixer Shaker

Silent and vibration free mixer/shaker, mixes in seconds combining the action of a vortex mixer and shaker for mixing samples in 0.5 and 1.5ml conical or other tubes with samples as small as 10µl. Built-in illumination to facilitate viewing of samples. The vibrating bar is made of rubber with V shaped slots cut into it and vibrates at 2500 oscillations per minute. Sample tubes are held with the lower end of the tube located in a slot or against the vibrating bar. An illumination window is located under the vibrating bar so that samples are viewed against a bright background. Illuminated mains on/off switch that also switches on the illumination and a separate switch for the shaking action. Overall dimensions: H13cm x W11cm x D15.5cm. Weight net. 3Kg.

- M170** Vortex mixer shaker – 240 volt each

## Autovortex Mixers

Robust vortex mixer for single hand operation. Starts automatically when the cup is pressed down. Vibration free and quiet. Rubber cup with non slip surround for use with either single tube in the middle of the cup or one or more tubes on the surround. For use with tubes from 0.5ml conical to large tubes and small bottles. Overall dimensions: H 8cm x W 13cm x D 21cm. Weight net 1.5Kg. Model **M171** has a fixed speed of 2500 rpm and **M172** has a variable speed between 250 – 2500 rpm.

- M171** Autovortex – fixed speed – 240 volt each

Variable speed model is similar to M171 fixed speed

- M172** Autovortex – variable speed – 240 volt each

