

# MTV 3000

## Multi-Tube Vortex Mixer

As an ideal mixer for large sample batches, RayKol MTV 3000 is mainly used for vortex mixing up to 66 samples (using 2mL EP tubes) at a time, in great effect and efficiency. It can accommodate a wide variety of vials with different sponge racks. MTV 3000 can be widely used in molecular biology, cell biology, chemicals, pharmaceuticals, and food industries.



### High throughput, wide application range, and simple operation

- 7-inch color touch screen control, real-time display of the current rate and remaining time
- Appointment start, cycle setting, multiple steps of different rate and duration
- Available in 3 modes for operation for various sample matrices
- High throughput, can process up to 66 samples simultaneously
- Compatible with 100 mL, 50 mL and 15 mL vials, also available in customized racks

### Application area



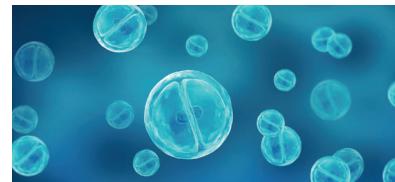
**QuEChERS method**

For extracting pesticides, antibiotics, drugs



**Molecular biology**

Used in PCR and DNA extraction for mixing reagents



**Cell biology**

Used in cell culture for mixing

### Applications

Determination of pesticide residues in medicinal materials and decoction pieces (plants)

Determination of forchlorfenuron residues in plant-derived foods. LC-MS

Determination of 208 pesticides and metabolites residues in foods of plant origin. GC-MSMS

Determination of 331 pesticides and their metabolite residues in plant-derived foods. LC-MS

Determination of amprolium residues in cattle-derived products. HPLC-MSMS

Determination of tylvalosin and 3-acetyltylosin residues in swine and chicken tissues. LC-MSMS

Determination of mebendazole and its metabolites residue in fishery products. HPLC

### RayKol Group

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