

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



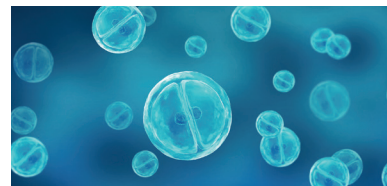
QuEChERS method

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

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