

# AH 50

## Automated Homogenizer



With the development of food safety and bio-medicine, automated homogenizers are more and more widely used in the sample pre-treatment of pesticide and veterinary drug residue detection to agricultural and livestock products, meat, eggs and milk.

RayKol AH 50 is a versatile and high throughput automated homogenizer, it completely replaces manual process of adding solvent and homogenization. It can process up to 36 samples at one time, greatly improving the efficiency of sample pre-treatment.

## *Automation & High-throughput*



## Automatic, High throughput, Low residue

- The entire homogenization process is fully automated, includes solvent adding and cutter cleaning, allows unattended operation.
- Large batch processing capacity, up to 36 samples in one batch.
- Various cleaning methods can be combined freely to minimize the possibility of cross contamination.

## Good compatibility

- Different kinds of sample tube racks available and flexible for various applications.
- Compatible with conventional centrifuge vials

## Eliminate Cross Contamination

- During the homogenization process the generator probes can be automatically cleaned. There are different cleaning methods can be chosen according to different sample to minimize the possibility of cross contamination.

## Safe and reliable

- Save space in fume hood, reduce air pollution by organic solvents.
- Fully transparent front door and built-in LED lights allow clear view to operation.
- Built-in safety alarm for any abnormal condition such as cutter miss-position, motor overheat and sample overload.

## Easy to operate

- Graphical software interface, easy for experienced and novice users.

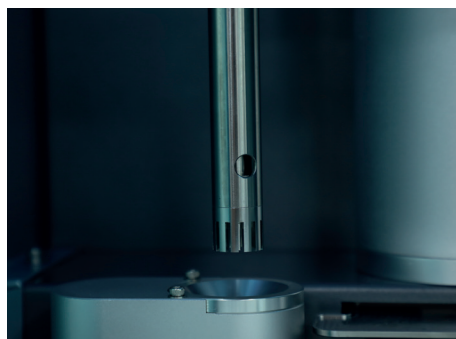
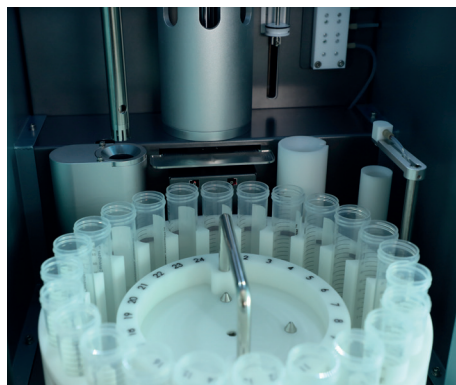
## Wide ranges of application

AH-50 Automated homogenizer can be used for a variety of samples.

Samples with high moisture content, such as vegetables (leeks, spinach, celery)

Samples with high fat content, such as meat, sausages, fish

Sample with high fibre content, such as animal feeds, green forage



Dedicated to be a leading supplier in smart laboratory



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