



# YNFZ-4/6/8/10/12 Flip Oscillator

©Adapt to long-term heavy load operation

## Product features:

●Widely applicable fields: YNFZ-flip oscillator is suitable for the leaching toxicity flip method of solid waste, and is widely used in industries related to toxicity identification, research, treatment, and disposal of solid waste such as environmental protection and solid waste disposal. It is also suitable for production experiments and scientific research in industries such as medicine, chemical engineering, and teaching.

●Accurate control capability: This oscillator combines the principles of mechanics in physics and control principles in electronics. It drives the rotation of the platform through the rotational force of the motor, causing the liquid in the sample bottle to periodically flip and stir. The control system is responsible for accurately setting and regulating the rotation speed, time, and angle to ensure consistency and repeatability of experimental conditions.

●Durability: The shell is made of cold-rolled sheet spray painted material, which is sturdy, durable, and easy to clean and wipe. The flip oscillator can hold around 2L glass bottles, PE bottles, TEFLON bottles, and pollutant extraction containers to meet various experimental needs.

●Ability to adapt to long-term high load operation: The YNFZ flip oscillator has a speed of  $30 \pm 2r/min$ , which can adapt to long-term high load operation. The adjustable range of speed is 0-60 revolutions per minute, and the digital display can be adjusted accurately to  $\pm 1$  revolutions per minute, meeting the requirements of various experimental conditions



## Main technical parameters:

Model		YNFZ-4	YNFZ-6	YNFZ-8	YNFZ-10	YNFZ-12
Performance	Flip capacity	2000ml × 4	2000ml × 6	2000ml × 8	2000ml × 10	2000ml × 12
	Rotational speed	Starting - adjustable to 60 revolutions per minute				
	Speed range	30-100 times/minute				
	Motor power	400W				
	Timing range	Forward and reverse: 9999 points				
	Working power supply	AC220V 50Hz				
	Forward and reverse time control	Customers can freely set the forward rotation, reverse rotation, and stop time				
	Rotation method (1)	Two-way				
Specifications	Sample bottle volume	2L				
	External dimensions	630*440*540	780*440*540	920*440*540	1070*440*540	1280*440*540