



Note :
Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
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HY-200 STANDARD TESTING SIEVE SHAKER

Operation Instruction



Introduction

HY—200 models are both suitable for the particle size analysis of grains, powder and the solids content test of the liquid in laboratory and Quality Control Department. It has features of low noise, high efficiency and precision.

Features

- A. This type of analysis is primarily used to determine particle size ranges for dry materials, whatever particles or powder.
- B. Sieve sizes range from 4 mesh (4750 micron opening) to 500 mesh (25 micron opening)
- C. Typically requires 50 - 150 g of sample material

Specification

No	Item		Unit	Data
1	Sieves		Layer	8
2	Diameter		Mm	200
3	Material size		Mm	0.038-3
4	Noise		db	≤ 50
5	Inventory rating		G	≤ 200
6	Vibration amplitude		Mm	≤ 5
7	Vibration	Voltage	V	220-240
		Rotate speed	Rpm	1400
		Power	KW	0.12
8	Overall dimension (length*width*height)		Mm	300×360×736
9	Net weight		kg	37



Introduction of

1. Confirm the sieves according to the materials.
2. Place the sieves of different mesh size in order and fix them.
3. Pour the materials into the top sieve, cover it and fasten the nuts.
4. Adjust time and turn on the power.
5. When the time is up, loosen the nuts and remove the sieve.
6. Turn off.

The Working Principle:

The HY-200 model adopts the new type vertical motor which can make the movement into the 3-D movements: horizontal, vertical and incline movement, then pass the movements to the screen surface. While adjusting the phase angle of hammers at upper and lower at the ends of motor, the movements' path of materials on the screen surface can be changed.

Note:

1. Make sure the machine has been positioned horizontally.
2. Check the power and make sure it is in line with the required, check grounding.
3. The machine body cannot contact with other things.
4. Must use the groove or set screw to fix the sieves.

Situation	The item for inspecting	Countermeasure
Undesirable motor working	Make sure the power	Make sure the power, Switch on
	Loose contact	Replace the cable
	Single phase operate to damage the coil	Replace the motor
Unusual noise	The turnbuckle be linked incompletely	Fasten it
	The sieves unfixed	Fix them
	Spring be damaged	Replace spring
	Contact with other things	Remove it
	The screw for fixing the motor loose	Fasten it

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