

Mini tube vortex

Instruction Manual

Thank you very much for purchasing our Mini tube vortex.

Please read the “Operating Instructions” and “Warranty” before operating this unit to assure proper operation. After reading these documents, be sure to store them securely together with the “Warranty” at a hand place for future reference.



Warning: Before operating the unit, be sure to read carefully and fully understand important warnings in the operating instructions.



CONTENT

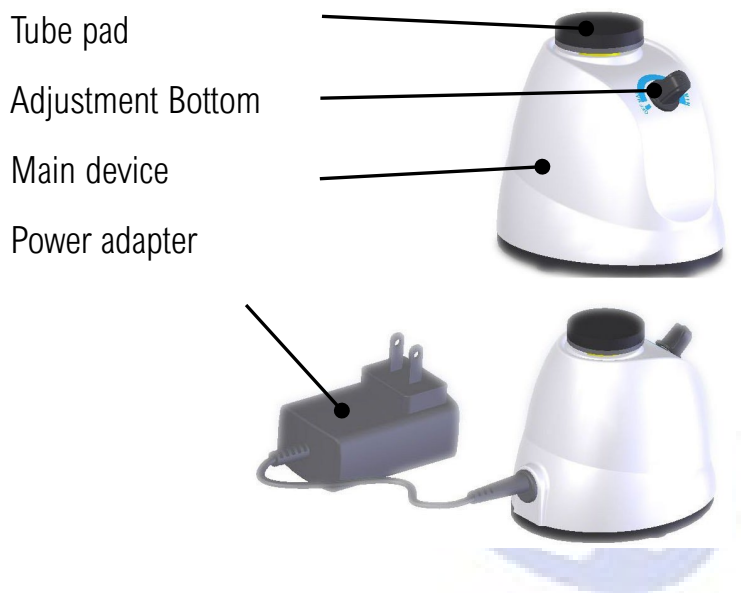
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|--------------------------|---|
| STRUCTURE | 1 |
| PARAMETER..... | 2 |
| OPERATION GUIDE | 3 |
| MAINTENANCE | 4 |
| SAFETY INSTRUCTION | 5 |



Brief introduction:

This mini tube vortexer make liquid in tube mixed by principle of eccentric rotary, featured simple, compact, efficient, which is suitable for small size tubes. This mini vortexer is helpful to experiments of mix liquid-liquid, liquid-solid (powder) due to the high speed, and very popular in labs, hospitals ,and institutes.

1 Structure:



2 Parameter:

| | |
|----------------------|-----------------------------------------------------------|
| Model | YR408 |
| Input voltage | DC 6V(DC 6V power adapter) (battery box is optional) |
| Power capacity | 0.6W |
| Mixing orbit | Orbit 1.5mm |
| Speed | 800-2500rpm |
| Working mode | Continuous/ Touching mode |
| Dimension (W×D×H) | 72X88X84mm |
| Net weight | 0.45kg |



3 Operation guide:

3.1 Put YR408 on the flat working desk, keep distance of 10cm to other devices around.

3.2 Turn the adjustment bottom to “OFF” to make instrument shut off, connect the power adapter (power cable) to YR408, then connect plug to power supply socket (100V-240V) .

3.3 There are two running mode for option, please choose according to experiment requests.

A Continuous mode:

Turn the adjustment bottom by clockwise direction, YR408 will run continuously before you turn off, put tube on the small pad, sample in tube can be mixed well. Speed can be adjusted according to need, “MAX-MIN” marks can help you to choose right speed. Speed range :2500-1000RPM (“MAX-MIN”).

B Touching mode:

When the adjustment bottom locates “OFF” level, put tube on the small pad and press by light force, the instrument will work under “Touching mode”, there is only one fixed speed of 2500RPM under this mode, instrument will stop once tube leave pad.

3.4 This instrument is compact, light, efficient, and suitable for small tubes, micro tubes.



4 Maintenance:

4.1 Put YR408 on the flat working desk.

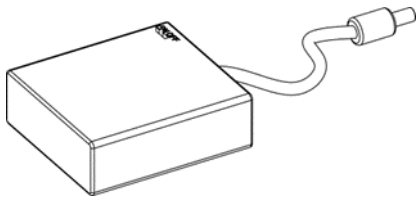
4.2 Put YR408 in a environment without corrosive gas and liquid. Keep instrument clean and dry, liquid solution is not allowed into the instrument.

4.3 When mixing, hold tube by top part of it, load tube onto the pad vertically with reasonable force (not too strong force, make tube can match the pad well, not moving when mixing) which can reduce vibration of the instrument body.

Remarks: 1/3 volume of sample in tube will get best effect.

4.4 **When the power supply voltage is 10% higher than adapter max rate, please turn off power to avoid damage.**


Battery box for 4 pieces AA batteries is optional (please refer to the picture below), when using battery as power supply, please change batteries when the speed is lower than normal.




4.5 Tube pad is replaceable, just take away from the plastic platform and replace a new one. Tube pad is optional.



5 Safety instruction:

 Users are not allowed to open or repair instrument, which will lead you lose warranty service, or make cause injured. In case of repair, please contact manufacturer.

 When instrument running, tube pad is rotating with high speed, please pay attention to your safety, don't touch rotating part by hands or other objects, or it will cause injury.

Keep away from children.



The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please search <http://www.hp.com/go/recycle>.

