

# Pre-Processing of Bio-Samples

## Homogenizer

### Overview:

1. Prepare lysis tube
2. Process about 30 seconds
3. Centrifuge to pellet about a minute



### Typical Samples:

- \* Human, animal, plant cells
- \* Micro-organisms
- \* Soil and sedin
- \* Swabs and fe
- \* Drugs, polym

### Features:

- \* "3D Rotating High Speed Motion" for quick disruption of those fibrous tissues and resistant cells.
- \* 50 Programmable memory settings and user optional condition settings.
- \* A wide range of rotation speed settings from 4.0m/s to 7.0m/s, increment 0.05m/s.
- \* Brushless motor realizing no brush particle generation and no brush replacement.
- \* Easy to remove sample tube holder and easy to fix sample tubes with the turn of the central knob.
- \* Easy to monitor the disruption process through the clear lid.
- \* Disposable tubes ensure no threat of cross-contamination.
- \* Most samples can be processed in 35 seconds or less.

### Technical Parameters:

Model	HOGEN24
Speed Range	4.0 m/s ~ 7.0 m/s (in steps of 0.05 m/s)
Cycle Duration	1~90 s (in step of 1 s)
Pause Time	1~90 s (in step of 1 s)
Acceleration	< 4s
Programmable	50
Number of Cycles	10
Display	OLED
Number of Samples	24*2ml / 1.5ml or 12*5ml
Tube Type	Grinding tube
Running Noise	< 70dB
Power Supply	AC110/220V±10%, 50/60Hz
External Size(L*D*H)mm	280*360*385
Package Size(L*D*H)mm	620*520*630
Net/Gross Weight(kg)	25/37

