



**HOG-24**

**Typical Samples:**

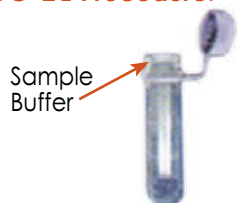
- Human, animal, plant cells
- Micro-organisms
- Soil and sediments
- Swabs and feces
- Drugs, polymers, lotions, etc.

**Sample Preparations:**

- As heat generated by grinding process will make part of sample tissue damaged, we recommend:
- After putting the sample into the sample tube, please preserve the sample for 6-12 hours at low temperature (below -60°C degree)
  - Then take out for grinding to make the effects achieve the best.

**Overview of the HOG-24 Procedure:**

- Prepare lysis tube



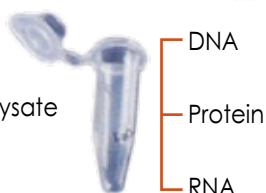
- Process about 30 seconds



- Centrifuge to pellet debris about 1 minute



- Transfer cleared lysate



**HOG-24, Homogenizer**

Fast, effective and reproducible homogenization of a wide range of samples, including hard to lyse tissues and cells. It also holds extraordinary powerful processing of even impact resistant samples such as bones or cartilage. The HOG-24 is an ideal solution for releasing DNA, RNA, Proteins, Enzymes, etc. from very tough samples while still retaining molecular integrity.

**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 4.0 m/s to 7.0 m/s, increment 0.05 m/s
- Brushless motor realizing no brush particle generation and no brush replacement
- Easy to remove sample tube holder and easy to fix sample tubes
- Easy to monitor the disruption process through the clear lid
- Simultaneously homogenize either 24x2.0ml/1.5ml/0.5ml or 12x5ml tubes
- Disposable tubes ensure no threat of cross-contamination
- Most samples can be processed in 35 sec. or less.



Model	HOG-24
<b>Speed Range</b>	4.0m/s - 7.0m/s (in steps of 0.05m/s)
<b>Cycle Duration</b>	1~90s (in steps of 1s)
<b>Pause Time</b>	0~2 minutes
<b>Acceleration</b>	≤2 sec. to max. speed
<b>Deceleration</b>	≤2 sec. to stop
<b>Programmable</b>	50 Saved Programs
<b>Number of Cycles</b>	10
<b>Display</b>	O-LED, High light and no visual angle limit
<b>Number of Samples</b>	1~24 samples
<b>Running Noise</b>	< 68db
<b>Weight</b>	25kg
<b>Dimensions (WxDxH)</b>	280mm x 360mm x 385mm

Code	Description
<b>301-13010-00</b>	HOG-24 AC 1 00-240V 50/60Hz
<b>301-13011-01</b>	Rotor for 24x2.0ml
<b>301-13011-02</b>	Rotor for 12x5.0ml
<b>301-13011-11</b>	Grind tube with 1.4mm Silica beads
<b>301-13011-12</b>	Grind tube with 2.8mm Silica beads
<b>301-13011-13</b>	Grind tube with 3mm Metal beads
<b>301-13011-14</b>	Grind tube with 0.7mm Garnet beads
<b>301-13011-15</b>	Grind tube with 0.15mm Carbide beads
<b>301-13011-16</b>	Grind tube with 0.25mm Carbide beads
<b>301-13011-17</b>	Grind tube with 0.1 mm Glass beads
<b>301-13011-18</b>	Grind tube with 0.5mm Glass beads