



Bioprep-24-R Refrigerated Homogenizer is your reliable lab partner for sample preparation and cell lysis. There is an advanced internal compressor which was upgraded on the basis of the Bioprep-24 homogenizer.

Partial active ingredients will be negatively affected when use conventional methods to homogenize most of soft or sensitive samples at room temperature. However, the bad situation can be prevented at low temperature.

Due to the cooling technique, Bioprep-24-R refrigerated homogenizer plays an important role in extraction progress of RNA, DNA and protein activity determination.

The onepipet® is a high quality instrument which offers excellent accuracy and precision.

### Features:

- A. Cooling Temperature to -100C;
- B. Temperature uniformity kept within 20C;
- C. Efficient bead homogenization;
- D. Disposable tubes ensure no cross-contamination;
- E. For many samples—from soft cells to bones;
- F. Two functions: dry homogenization, wet homogenization;
- G. Large Capacity: 24\*2ml tubes or 12\*5ml tubes

### Typical Samples:

<b>A</b>	Animal, Plant, Human cells;	<b>B</b>	Micro-organisms;	<b>C</b>	Drugs, polymers, lotions, etc.
<b>D</b>	Soil and sediments;	<b>F</b>	Swabs and feces;	<b>G</b>	Bone, brain, tumors
<b>H</b>	Bacterial gram	<b>I</b>	Yeast, fungi, spores;	<b>J</b>	Seeds, roots
<b>K</b>	Feces, swabs				

### Technical Data:

Model	Bioprep- 24-R
Temperature range	-100C - +400C
From RT. to 0°C	< 30min
Temperature uniformity	± 2°C
Cooling method	Compressor refrigeration
Display	OLED
Speed Range (m/s)	4.00m/s~7.00m/s increment 0.05m/s
Capacity	24x 0.5ml/ 1.5ml/ 2ml or 12x 5ml tubes
Cycle per program	10
Noise Level	< 70 db
Dimensions (W×D×H)	300x500x360 mm
Weight (kg)	40
Electronical	AC100~240V, 50/60Hz
Warranty	1 Year

### Order Information:

CAS. number	Description
AS-024-R	Bioprep-24-R Refrigerated Homogenizer
<b>Rotor</b>	
AS-13010-01	Rotor for 24x2.0ml
AS-13010-02	Rotor for 12x5.0ml
<b>Grinding tube</b>	
AS-13010-03	2.0ml Grinding tubes
AS-13010-04	5.0ml Grinding tubes
<b>Beads</b>	
AS-13010-05	Φ1.4mm Silica beads
AS-13010-06	Φ2.8mm Silica beads
AS-13010-13	Φ1.4mm Metal beads
AS-13010-07	Φ3mm Metal beads
AS-13010-14	Φ4mm Metal beads
AS-13010-08	Φ6mm Metal beads
AS-13010-09	Φ0.2mm glass beads
AS-13010-10	Φ0.5mm glass beads
AS-13010-11	Φ1mm glass beads
AS-13010-12	Φ3mm glass beads
AS-13010-15	Φ2.8mm Zirconium carbonate