

Bioprep-6 Homogenizer



Fast, effective and reproducible homogenization of a wide range of samples, including tissues and cells hard to lyse. They also own extraordinary power for the processing of even impact resistant samples such as bones or cartilage. The Bioprep-6 and Bioprep-24 are ideal solutions for releasing DNA, RNA, Proteins, Enzymes, etc. from very tough samples while still retaining molecular integrity

Features

1. "3D Rotating High Speed Motion" for quick disruption of those fibrous tissues and resistant cells
2. A wide range of rotation speed settings from 4 to 7 m/s
3. Brushless motor realizing no brush particle generation
4. Easy to remove sample tube holder and fix sample tubes
5. Easy to monitor the disruption process through the clear lid
6. Simultaneously homogenization:
 - Bioprep-6 6*2ml tubes or 2*5ml tubes
 - Bioprep-24 24*2ml tubes or 12*5ml tubes
7. Disposable tubes ensure no threat of cross-contamination or sample degradation
8. The Bioprep-6 and Bioprep-24 vigorously and uniformly shakes the tubes providing an efficient, consistent, high-yield and quality homogenization usually in 35s or less

Bioprep-6 homogenizer

1. Built upon the innovative design and designed for personal use
2. Broad performance range — speed settings from 4 to 7 m/s
3. Small footprint — requires minimal bench space
4. Holds 6×0.5ml/1.5ml/2ml or 2×5ml tubes
5. Patent design for the damping institutions and hold ultra-quiet operation, even at the highest speed running

Grinding tubes

1. Bioprep-6: Simultaneous processing 6×2ml/1.5ml/0.5ml tubes or 2×5ml tubes
2. Bioprep-24: Simultaneous processing 24×2ml/1.5ml/0.5ml tubes or 12×5ml tubes
3. The grinding tubes must be with high toughness and low temperature resistance

Technical data

Type	Bioprep-6
Display	LCD
Speed Range(m/s)	4.00m/s~7.00m/s increment 0.05m/s
Speed Range (rpm)	2500rpm — 4350rpm, increment 10rpm
Cycle Duration	1s — 90s, increment 1s
Pause time	1s — 90s, increment 1s
Cycle	10
Programmable	1
Samples	6x2ml/1.5ml/0.5ml or 2x5ml grinding tube

Acceleration Time	<2s
Deceleration Time	<2s
Noise	<65 db
Power	144W
Dimensions (W×D×H)	354×218×206 mm
Weight (kg)	8.9 kg
Power Supply	AC100~240V, 50/60Hz

Accessories

No.	Code	Description
01	AS-13020-00	Bioprep-6 Homogenizer AC100~240V, 50/60Hz
02	AS-13021-01	Holder for tubes
03	AS-13021-02	Adapter for 3×2.0ml
04	AS-13021-03	Adapter for 5.0ml
05	AS-13021-04	DC24V, 6A Adapter
06	AS-13011-03	2.0ml Grinding tube
07	AS-13011-04	5.0ml Grinding tube
08	AS-13011-05	Φ1.4mm Ceramic beads
09	AS-13011-06	Φ2.8mm Ceramic beads
10	AS-13011-07	Φ3mm Metal beads
11	AS-13011-08	Φ6mm Metal beads
12	AS-13011-09	Φ1mm Glass beads
13	AS-13011-10	Φ3mm Glass beads