

RCP-24, Homogenizer

DESCRIPTION

Homogenizer RCP-24, a bench-top mechanical device designed for mixing, grinding, homogenizing and emulsifying biological objects in microtubes by shaking with hard beads for the purpose of sample preparation for subsequent academic, pharmaceutical, biotechnological or biomedical studies.

Homogenizer facilitates the formation of a supernatant containing nucleic acids and proteins suitable for subsequent purification, extraction or analysis. The device is optimized for extracting proteins, DNA, RNA or tRNA from various tissue sources, but it can also be used for other applications. RCP-24 performs efficient homogenization of mammalian tissue, plant tissue or other biomaterials.

SPECIFICATIONS

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|---------------------------------|----------------------------------|
| Test tubes capacity | up to 24 |
| Test tubes | 2 ml |
| Speed control range | 500–2000 rpm (increment 100 rpm) |
| Digital time setting | 1–15 min (increment 1 min) |
| Oscillation amplitude | 44 mm, vertical |
| Display | LCD, 2 x 16 signs |
| Overall dimensions (W×D×H) | 285 × 400 × 440 mm |
| Weight | 19 kg |
| Input current/power consumption | 230 V, 50 Hz/ 220 W (1.3 A) |



CAT. NUMBER

| | |
|---------------|--------------------------|
| BS-010701-A02 | 230VAC 50/60Hz Euro plug |
| BS-010701-A03 | 230VAC 50/60Hz UK plug |
| BS-010701-A04 | 230VAC 50/60Hz AU plug |



LVH-001

LVH-001

Homogenization tubes with cerium stabilized zirconium oxide Ceramic Beads

VeriLab LVH-001 Cerium Stabilized Zirconium Oxide Ceramic Beads, designed specifically for the homogenization of biological samples. Each kit includes 100 x 2ml tubes, each containing calibrated 1.2-1.4 mm ceramic beads.