

Homogenizer RCP-24

Description

RCP-24 is a bench-top device for mixing, grinding, homogenizing and emulsifying biological objects in microtubes.

By shaking with ceramic beads, the homogenizer RCP-24 is perfect for sample preparation in pharmaceutical, biotechnological or biomedical laboratories.

RCP-24 enables the formation of a supernatant containing nucleic acids and proteins. These are used for subsequent purification, extraction or analysis.

The device is optimised for the extraction of proteins, DNA, RNA or tRNA from various tissue sources, but can also be used for other applications.

Das RCP-24 enables efficient homogenisation of mammalian tissue, plant tissue or other biomaterials.



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Technical Data

Test tubes capacity	up to 24 tubes
Tube volume	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
Dimensions (L x T x H)	285 x 400 x 440 mm
Weight	19 kg
Input current/power consumption	230 V, 50 Hz/ 220 W (1.3 A)
Order No. Homogenizer RCP-24	109.1950



Rotor RCP-24

Homogenizer RCP-24

Accessories



VeriLab LVH-001 Cerium Stabilized Zirconium Oxide Ceramic Beads

Designed specifically for the homogenization of biological samples. These high-quality ceramic beads are ideal for use in electromechanical homogenizers, ensuring efficient and consistent sample disruption.

Key Features

- **Premium Quality:** Manufactured from cerium stabilized zirconium oxide, these beads offer exceptional durability and reliability.
- **Optimal Size:** Calibrated to 1.2-1.4 mm, perfect for efficient homogenization.
- **Convenient Packaging:** Each kit includes 100 x 2ml tubes, each containing calibrated ceramic beads, along with two 24ml vials of Solution for Sample Preparation (SSP).
- **Versatile Use:** Suitable for a wide range of biological samples, including ticks, other arthropods, and various tissue types (lungs, kidneys, liver, intestines, spleen, pancreas, lymph nodes, brain, trachea, heart, stomach, connective or muscle tissue, ligaments, or tendons).
- Available in non-sterile/sterile version