MP Biomedicals, LLC

TECHNICAL INFORMATION

Catalog Number: 6004500
FastPrep®-24
FastPrep-24 Specifications

– Lyse any hard sample in 40 seconds or less!Fastprep 24
– Number and size of samples: 24 tubes (2ml)
– Time: Range 1-60 seconds, programmable with 0.5 m/s increments.
– Speed: Range 4-6.5 m/s programmable with 0.5 m/s increment.
– Acceleration: <2 seconds to maximum speed.
– Deceleration: <2 seconds to stop.
– Duty cycle: 6.5 m/s for 60 seconds with 60 seconds rest period between runs.
– Noise level: <70db noise.
– Construction: Painted aluminum body, with transparent top enclosure. Exchangeable polypropylene sample holder; Sealed Sample Compartment; Self-contained disposable pan for ease of cleaning; All surfaces chemically resistant.
– Controls: Microcontroller control panel, with LCD screen and membrane-printed keyboard; Microcontroller clock 16 MHz.
– Power requirements: 110VAC/60Hz or 220 VAC/50 Hz, 500 W
– Weight: 17.5 kg.
– Dimensions: Height-270mm; Base(Ellipse)size-425x330mm.
– Standard environmental temperature operating range: 4-40°C.
– Request an Demo of the New FastPrep 24•Safety feature: automatic stop on lid opening; emergency stop button; semi-disposable pan; sealing of the sample handling compartment. Easy to sanitize surfaces.
– Certification: CE.

FastPrep-24 Applications
Any researcher who requires genomic DNA, total RNA or recombinant protein as a starting material will benefit from the FastPrep System.

– Northern blot analysis, qPCR and microarrays
– Optimization of recombinant protein expression
– Library synthesis and Southern blots
– RT-PCR and differential display
– Pathogen screening of soil or water
– Environmental surveys
– Verification of food safety

FastPrep Advantages
Any researcher who requires genomic DNA, total RNA or recombinant protein as a starting material will benefit from the FastPrep System.

– Rapid and reproducible homogenization
– Lyse difficult or uncharacterized samples with ease
– Eliminate the frustration and inconsistency of traditional grinding methods
– Self-contained system removes possibility for contamination
– Save valuable time at sample preparation step
– Economical and easy to use
– Exceptional support and personalized experimental advice