FastPrep-24™ 5G

Most Advanced Grinding System Applicable for Genomics, Proteomics, Lipogemics or Chemical Studies and Analysis.

mpbio

The FastPrep-24 5G instrument is a versatile sample disruption device giving the ultimate in speed and performance for the lysis of biological or inorganic samples.

A completely self-contained system, the FastPrep-24 5G Instrument eliminates the risk of cross-contamination and time-consuming clean-up associated with manual lysis methods.

Samples and buffers are simply added to a Lysing Matrix tube containing specialized Lysing Matrix beads. The homogenization speed and duration times are manually programmed using a touchscreen visual display. After setting your speed and time just push run, and in less than a minute your samples are completely lysed.

Specifications

Interface	Touch Screen Interface
Programmable Assays	12 Programmable Assay Locations
Pre-Defined Assays	73 Pre-Defined and Optimized Assay Programs
Time Range	1 to 120 seconds in 1 second Increments
Speed Range	4 to 10 m/sec in 0.5 m/sec Increments
Cycles	1 to 9 Cycles
Pause Time	1 to 300 Second Pause Between Cycles in 1 Second Increments (Default: 300 Seonds)
Data Export	Via USB
Acceleration	< 2 Seconds to Maimum Speed
Deceleration	< 2 Seconds to Stop
Dimensions	Height: 490 mm; Base: 472 mm x 385 mm (Eliptic Shape)
Weight	23.6 kg (52 lb)
Power Requirement	120 VAC/60Hz, 500W; 230 VAC/50 Hz, 500 W
Maximum Sound Level	< 70 dB

The heartbeat of the 5G is a microprocessor control interfaced to a touch screen display. The large, 7-inch HD monitor allows assay parameters to be set with the touch of a button. Hi-def graphics and intuitive software make programming the 5G fast and simple, while high-tech exterior graphics add to the sleek and sophisticated design of the instrument.

Product Name	Cat. No.
FastPrep-24™ 5G Instrument	116005500