

D. FastPrep-24™ 5G Specifications

The FastPrep-24™ 5G has the following specifications:

FastPrep-5G Instrument Specifications	
Item	Specification
Product Name:	FastPrep-24™ 5G
Model:	6005
Software:	Microcontroller: ARM Processor Memory: 64 MB App Version (Touch Screen): 1.3.2 Firmware Version (Driver): 1.3.7.2 Programming: Field Alterable Flash, 12 End-User Programmable Assays
Interface:	Touch Screen Interface Screen Size: 151.5 mm x 85.5 mm
Controls:	Programmable Settings for Speed, Adapter, Time, Lysing Matrix, Sample Quantity, Sample Units, Cycle, Pause Time; Display Readout
Programmable Assays:	12 Programmable Assay Locations
Pre-Defined Assays:	72 Pre-defined and Optimized Assay Programs
Time Range:	1 to 120 Seconds in 1 Second Increments (Default: 40 Seconds)
Speed Range:	4 to 10 m/sec in 0.5 m/sec Increments; (Default: 6 m/sec for QuickPrep-3 Adapter)
Cycles:	1 to 9 Cycles (Default: 1 Cycle)
Adapter(s):	Standard QuickPrep-3, 24 x 2 mL Adaptor; Additional Adaptors Available
Pause Time:	1 to 300 Second Pause Between Cycle in 1 Second Increments (Default: 300 Seconds)
Lysing Matrix:	Lysing Matrix A through Z, Plus Others
Quantity:	Free Entry
E-Stop:	Switch Push DPST-NC (10A, 110V)
Date / Time Set:	Available as 24-Hour Clock

FastPrep-5G Instrument Specifications	
Data Export:	Via USB
Acceleration:	< 2 seconds to maximum speed
Deceleration:	< 2 second to stop
Dimensions:	Height: 490 mm Base: 472 mm x 385 mm (Elliptic Shape)
Weight:	23.6 kg (52 lb)
Power Requirement:	120 VAC / 60 Hz, 6 A 230 VAC / 50 Hz, 3 A
Protecting Fuse:	T4A 205V, 5x30 mm
Operating Air Temperature:	2 to 48 °C (35 to 118 °F)
Operating Relative Humidity:	30 to 55%
Overvoltage Category:	II
Maximum Sound Level:	< 70 dB
Maximum Altitude:	2000 m (6562 feet)