



Products

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[Home](#)
[Products](#)
[Liquid-Handling](#)
[BioRobot M48](#)

Product: BioRobot M48

Item Description

The BioRobot M48 workstation provides fully automated nucleic acid purification from a wide range of samples. The BioRobot M48 delivers fully automated purification of nucleic acids from a wide range of human and forensic sample types. The innovative design of the workstation means that the pipet tips function as reaction chambers, increasing the efficiency of magnetic separation during purification. Up to 48 samples can be processed per run in increments of 6 samples. The pipettor head contains 6 high-precision syringe pumps, which operate simultaneously to allow aspiration or dispensing of small volumes of liquid (25-1000 μ L) through the disposable filter-tips. The pipettor head is also equipped with a tip guard, which helps to ensure cross-contamination-free pipetting. It also uses UV light to decontaminate the surfaces between each run.

Key Features:

- Dispensing head with 6 syringes to treat all preparation processes
- High precision syringe pumps allow small-volume liquid handling
- Syringe pumps operated simultaneously
- Pipetting range: 25 μ L to 1000 μ L volumes with high precision
- Liquid delivery precision and accuracy: Volumes 25 μ L to 1000 μ L volumes with high precision
- Samples per batch: 6, 12, 18, 24, 30, 42, 48 samples can be treated per run
- Throughput: 48 samples/ 1.6-4.0 hours depending on protocol
- Heating/ Cooling units: For temperature control, the BioRobot M48 has 2 Peltier heating/ cooling units laid out on a nozzle movement area
- Temperature range from 4°C to 90°C, monitored by PC
- 6x8 tube racks are used in heating and cooling units for incubation, elution, and storage
- Reagent loading: The BioRobot M48 holds up to 6 Reagent containers (small) and 4 Reagent containers (Large) for up to 48 tests per run.
- Sample loading: Samples are placed in 4 sample racks, each of which can hold up to 12 samples
- Serial number: 050310218

Specifications:

- Power source: 100-250V +/- 10%
- Two fuses to allow a wide voltage range: 250V/10A for AC115V and 250V/5A for AC230V
- AC100-120V and 200-400 +/- 10%
- 470A and 50/60Hz
- Must be on a separate grounded circuit
- Size: 1070W x 600D x 875H
- Installation site: flat, stable surface with no direct sunlight/ vibration
- Altitude: 2000 m maximum
- Temperature 15-30°C
- Humidity (max) 80% up to 30°C

Specifications

Availability	In Stock
Quantity	1
Model	BioRobot M48
Manufacturer	Qiagen

Our Products

Thermo LTQ Orbitrap XL

Product Categories

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