

# BioMagPure 12, Compact Bench-Top Robotic Workstation For Automated Nucleic Acid Purification

## DESCRIPTION

The **BioMagPure 12** consists of compact bench-top robotic workstations for automated nucleic acid purification. Usage of pre-filled reagent cartridges and disposable consumables enable a true walk-away automation and high quality nucleic acid extraction solution. Proven magnetic separation technology makes purification efficient, easy to use, reliable, safe and cost effective.

**BioMagPure 12** has an ingeniously designed polygonal reaction chamber with patented parts that ensure high efficiencies of lysis and elution through large contact area of magnet and heating element allowing to maximize magnetic bead recovery, minimize the residues of magnetic beads and alcohols in the final elute product. Specific formation of reaction chamber ensures unrivaled mixing ability and exclude conventional mixing by tip or pipetting thus eliminates crosscontamination possibility.

Reagent kits contains everything for extraction procedure performance including all necessary plastics, pre-filled reagent cartridges, incubation buffers and solutions for sample pre-treatment (if needed).

With the flexibility of processing 1-12 samples per run, the **BioMagPure 12** is tailor-made to fit small clinics and early stage laboratories. By occupying minimal counter space and greatly reducing technician man-hours, this series allows organizations to operate facilities in a much more cost effective fashion.

### FEATURES

- Advanced magnetic bead technology
- Reaction chamber with patented parts
- Piercing-pin system for elimination of cross-contamination
- Walk-away automation
- Reliable quality
- No PC required
- Ready-to-use reagent cartridges
- 3 easy steps: LOAD-RUN-OBTAIN



## SPECIFICATION

Processing time	30-50 min
Processing capability	1-12 samples per run
Extraction technology	magnetic particle separation technology
Protocol	programmed by scanning a barcode
Protocol input	barcode scanner
Sample volume	100-3000 µl (depending on the kit)
Elution volume	50-300 µl
Connection to PC	not required
Display	LCD (20x4)
Certification	CE IVD

## CAT. NR.

	BioMagPure 12, Compact bench-top robotic workstations for automated nucleic acid purification
BS-060201-AAA	230VAC 50/60Hz Euro plug
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BS-060201-AK	Blood DNA Extraction Kit 200 - is used with the instrument for extraction of DNA from 10-400µl mammalian whole blood, suspension of mammalian blood cells.
BS-060201-BK	Blood DNA Extraction Kit 1200 - is used with the instrument for extraction of gDNA from 400-1000µl mammalian blood, suspension of mammalian blood cells.

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Nominal operating voltage	110-240 V, 50/60 Hz
Dimensions (WxDxH)	480x700x520 mm
Weight	43 kg

BS-060201-CK Viral Nucleic Acid Extraction Kit - is used with the instrument for extraction of Viral DNA or RNA from human biological specimens such as serum, plasma, and other cell-free fluids.

BS-060201-DK Tissue DNA Extraction Kit - is used with the instrument for extraction of genomic DNA from a variety of animal tissues, swab samples and blood stain.

BS-060201-EK Cultured Cell DNA Extraction Kit - is used with the instrument for extraction of genomic DNA from culture cells and buffy coat.

BS-060201-FK Bacterial DNA Extraction Kit - is used with the instrument for extraction of genomic DNA from both Gram-positive and Gram-negative bacteria.

BS-060201-GK HPV DNA Extraction Kit for swab - is used with the instrument for DNA extraction of the Human Papillomavirus (HPV) from cervical cell samples which collected by cervical brush or genital swab in liquid-based Medium (e.g. Hologic Thin

BS-060201-IK TB DNA Extraction Kit - is used with the instrument for extraction of genomic DNA of Mycobacteria spp. (e.g. Mycobacterium tuberculosis) from different specimen

BS-060201-JK FFPE DNA Extraction Kit - is used with the instrument for extraction of genomic DNA from FFPE (Formalin-Fixed, Paraffin-Embedded) tissue samples. Providing good quality, high integrity DNA for Molecular diagnosis and research works

BS-060201-KK Forensic DNA extraction Kit - is extract and isolate genomic DNA from forensic samples.

BS-060201-LK Viral/Pathogen Nucleic Acids Extraction Kit A - is used with the instrument for extraction of Viral and bacterial DNA/RNA from cell-free samples, such as serum, plasma, and other cell-free body fluids.

BS-060201-MK Viral/Pathogen Nucleic Acids Extraction Kit B - is used with the instrument for extraction of viral and bacterial DNA/RNA from swab samples (cell-rich samples).

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BS-060201-NK	Viral Nucleic RNA Extraction Kit - is used with the instrument for extraction of Viral RNA from human biological specimens such as serum, plasma, and other cell-free fluids.
BS-060201-OK	Plant DNA Extraction Kit - is used with the instrument for extraction of genomic DNA from plant (leaf, seeds and spores) and fungal tissues. Up to 100 mg of tissue can be used for purification
BS-060201-PK	Total RNA Extraction Kit - is used with the instrument for extraction of total RNA from whole blood, blood cells, animal tissue, plant tissue, yeast or cultured cells.
BS-060201-QK	Viral Nucleic Acid Large Volume Extraction Kit - is used with the instrument for extraction of Viral DNA or RNA from human biological specimens such as serum, plasma, and other cell-free fluids.
BS-060201-RK	CFC DNA Extraction Kit Large Volume - is used with the instrument for extracting circulating DNA from plasma serum or cell-free body fluids sample volume ranged: up to 5 ml