

WORKFLOW · NEW INNOVATIONS

LIQUID HANDLING AUTOMATION SYSTEMS AND ROBOTS

Liquid Handling Automation Systems

Automation is no longer the future, it is a necessity!

WORKFLOW STEPS

1	Sample preparation (extraction kits)	Automation-compatible nucleic acid isolation kits Beckman Coulter, Promega (Maxwell and Maxwell HT kits)	High-quality plastic consumables
2	Nucleic acid isolation	Maxwell nucleic acid isolation system Promega	
3	Pipetting, liquid handling	Biomek i Series and NGeniuS pipetting robots Beckman Coulter CellMek SPS sample preparation robot for flow cytometry Beckman Coulter	Flex and OT-2 liquid handling systems Opentrons
4	Acoustic liquid handling	Echo acoustic liquid handling robot Beckman Coulter	

FEATURED INSTRUMENTS



BIOMEK I7



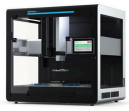
NGENIUS



ECHO



PROMEGA MAXWELL



OPENTRONS FLEX ROBOT

MANUFACTURERS AND PRODUCT FAMILIES

MANUFACTURER	PRODUCT FAMILY	PRODUCT DESCRIPTION
Beckman Coulter	Biomek i Series	High-throughput liquid handling robots with unmatched flexibility and capacity
Opentrons	Flex and OT-2 pipetting robots	Solutions with incredible value for money and an impressive library of validated protocols, easily integrated into any automated workflow thanks to their open-source design. Also available in HEPA-filtered versions

BIO-SCIENCE
A magyar tudomány szolgálatában.

Bio-Science Kft. · Fehérvári út 79, 1119 Budapest, Hungary · Postal address: P.O. Box 129, 1518 Budapest
Phone: +36 1 619 8321, +36 1 619 8316 · Fax: +36 1 799 0159
E-mail: bio-sci@bio-science.hu · www.bio-science.hu

© Bio-Science Kft.

WORKFLOW · LIQUID HANDLING AUTOMATION SYSTEMS AND ROBOTS

MANUFACTURER	PRODUCT FAMILY	PRODUCT DESCRIPTION
Promega	Maxwell nucleic acid isolation system	Cartridge-based dedicated instrument for fast, high-yield DNA or RNA isolation from 1–16 or 1–48 samples
Beckman Coulter and Promega	Automation-compatible nucleic acid isolation kits	With Beckman's gold-standard AMPure-based kits and Promega's traditionally high-quality isolation kits, you can easily find an isolation kit for every sample type
Beckman Coulter	Echo acoustic liquid handling robot	The world's fastest nanoliter liquid handler with contactless ultrasonic fluid transfer
Beckman Coulter	CellMek SPS sample preparation robot	Improved efficiency and standardization for flow cytometry labs through a flexibly programmable robot that automates sample preparation

FURTHER WORKFLOWS

3D Cell Culture | Integrated automated platforms | Detection and Analysis | EV Research, Nanoparticles | Molecular Biology | Cell-based workflows

REQUESTS FOR QUOTATION, QUESTIONS

bio-sci@bio-science.hu · Phone: +36 1 619 8321, +36 1 619 8316
This workflow online, with product and manufacturer links: www.bio-science.hu/en/lab-workflows/liquid-handling-automation-systems-and-robots

© Bio-Science Kft.