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# BioTek ELx405 Microplate Washer



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90-DAY WARRANTY



LOW PRICE GUARANTEE

Item Number: ELx405 Washer

Manufacturer: BioTek

Product Category: Microplate Washers

Brand Name: BioTek

Description: BioTek ELx405 Microplate Washer

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SKU: d13d90775ec5  
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Description

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Description

## Additional information

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Item Number: ELx405 Washer

Manufacturer: BioTek

Product Category: Microplate Washers

Condition: Refurbished & New Available

Product Overview: BioTek ELx405 Microplate Washer

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## Overview of BioTek ELx405 Microplate Washer

The ELx405 Select is the world's first deep well microplate washer that aspirates and dispenses into 96- and 384-well plates. ANSI/SBS regular peak microplates can also be washed, making the ELx405 Select a total solution for many of your laboratory's microplate washing work-flows. The ELx405 is automation compatible and its patented Dual-Action manifold is especially beneficial in mobile-based assays. Maintenance is easy using the obtainable patented Ultrasonic Advantage that automatic cleans manifold tubes to remove built-up salt and protein. The ELx405 Select is perfect for many standard and deep well microplate washing requirements.

### APPLICATIONS

When the 405 TS is employed, microplate washing is not even close to routine. Beyond common dispense/ aspirate protocols, the 40 5TS automates fluid handling features including sensitive cell-based assays, for several applications.

- Plasmid DNA purification
- Serum/plasma preparation
- ELISA
- Cell culture
- Bead washing

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Part #	96- /384- well	Deep Well	Standard Height
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ELX405UD	•	•	•
ELX405USD	•	•	•
ELX405UVD	•	•	•
ELX405UVSD	•	•	•
ELX405UCWD	•	•	•
ELX405UCWSD	•	•	•
ELX405UCWVD	•	•	•
ELX405UCWVSD	•	•	•

## Specifications

Microplate Types	96-well Low profile and standard height Deep well plates up to 50 millimeters
Onboard Software	Create, edit and run multiple protocols
Soaking	Programmable up to 60 minutes
Manifold Types	96 Tube Dual Action manifold for 96-well washing
Volume Range	50 to 3000 microliter increments
Wash Cycles	1 -10
Buffer/reagent Selection	Auto switching module for up to 4 buffers (option)
Supply bottle	4 L
Dispense Precision	?3% CV: 300 µL/well (96-well washing)
Residual Volume	<2 µL/well (standard & deep

	well 96-well plates)
Wash Speed	96-wells, 300 $\mu$ L/well, 3 cycles: <30 seconds
Flow Rates	High flow to low flow Optimized rates for cell assays
Sterilization	Chemical
Vacuum Filtration	Selectable: Approximate final at 30 seconds: Lowest: -38 mmHg Low: -113 mmHg Medium: -200 mmHg High: -390 mmHg Highest: -506 mmHg Vacuum filtration time range: 5 to 999 seconds

## FAQ

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## Resources

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BioTek ELx405 Microplate Washer Manual

## Warranty Information

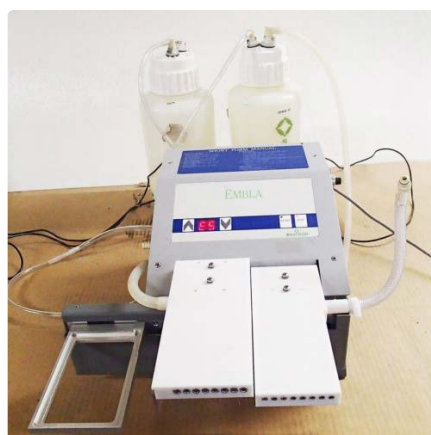
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Laboratory Controls offers a best in the business full 90-day warranty on all refurbished items. This warranty covers your part against any material and or craftsmanship issues within 90-days from purchase. Laboratory Controls will repair or replace your part at no charge. Please contact us for further information if you are in need of a repair. An **authorized dealer** is not the only way to buy this item, contact Laboratory Controls today and save up to 50% off MSRP.

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