

Biotek Precision XS Microplate Dispenser



● Overview

The Precision™ XS uniquely combines a single-channel sample processing head, an 8-channel pipetting head and an 8-channel bulk reagent dispenser all in one compact, affordable product. In addition to transfers using disposable pipette tips, the Precision XS' autoclavable and organic solvent resistant bulk reagent dispenser is available for transferring larger volumes. Intuitive Precision Power PC software simplifies the programming of applications from hit picking to serial dilutions even for those new to automated liquid handling. BioTek's [Bio-Stack™](#) Microplate Stacker increases liquid handling throughput by delivering up to 30 microplates to the Precision XS platform.

The Precision XS is the best solution in sample processors for today's modern lab providing the power of unattended operation over manual pipetting with the simplicity and economy lacking in high-end liquid handlers. The Precision XS is specifically designed to fit into most biological safety cabinets and chemical fume hoods.



BioTek's Precision XS complies with the IVD (In Vitro Diagnostics) Directive.

● Models

Model	Precision™ XS	
Part #	PRC384/1M	PRC384/1
96-/384-well	●	●
8-channel pipette	●	●
Single-channel pipette	●	●
Single-channel dispenser	●	●
Bulk-reagent dispenser	●	

● Part Numbers

PRC384/1

Single- and 8-channel pipettes

PRC384/1M

Single- and 8-channel pipettes with autoclavable bulk reagent dispenser

● Features

- Affordable alternative to high-end liquid handlers
- User-configurable multi-station platform for flexible experimental design
- Volume ranges from 1 μ l
- Intuitive Precision Power™ Software for simple programming

● Specifications

Microplate types	Any test tube, microplate (up to 384 wells) or reservoir
Processing speed	Aspirate/dispense 100 μ l of 96 samples to 96-well plate, tip change: - Single-channel pipette: <22 minutes - 8-channel pipette: <3 minutes Dispense 100 μ l to 96-well plate: - Single-channel dispenser: <4 minutes - 8-channel dispenser: <14 seconds
Fluid delivery	Pipette: Air displacement syringes Dispenser: Microprocessor controlled syringe pump
Dispense accuracy	Pipette: 1% at 100 μ l typical Dispenser: 1% at 100 μ l typical
Dispense precision	Pipette: 1.5% CV at 100 μ l typical Dispenser: 1.5% CV at 100 μ l typical
Number of channels	Single- (5 μ l - 10 ml) and 8-channel (10 μ l - 10 ml)
Pipette	Single-channel (5-200 μ l) and 8-channel (1-120 μ l)
Supply bottle volume	Single-channel: 125 ml 8-channel: 1L
PC software	Precision Power™ Software included.
Power	100 to 240 V _{AC} , 50/60 Hz, < 0.7A
Dimensions	Instrument only: 16" D x 25" W x 20" H (410mm D x 640mm W x 510mm H) Instrument with optional cabinet: 20" D x 30" W x 22" H (510mm D x 760mm W x 560mm H)
Weight	Instrument only: 40 lbs (18 kg) Instrument with optional cabinet: 64 lbs (29 kg)
Regulatory	IVD (In Vitro Diagnostics) Directive. All BioTek microplate instrumentation is CE and ETL marked. For details on approvals and standards compliance, please contact BioTek.
Automation	Compatible with Bio-Stack Microplate Stacker. ActiveX available for other integrations.

Specifications subject to change.