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Find the *Biotage / Caliper / Zymark RapidPlate-96* at our website: *Click HERE*

RapidPlate 96/384 Workstation

The Caliper Life Sciences RapidPlate workstation is a six-position liquid handler that is compatible with both 96 and 384 well microplates. The RapidPlate utilizes a 96-channel disposable tip head for dispensing to the six-position deck. The RapidPlate Workstation has two active locators, which index the plate on the x- and y-axis to access all quadrants of 384 well consumables.



The RapidPlate can operate as a stand-alone device or together with the Caliper Life Sciences Twister® II plate handler by using iLink™ or CLARA™ integration and scheduling software. All Caliper Life Sciences products are iLink and CLARA compatible, allowing for easy scalability.

Key Applications

- Compound Plate Replication
- Compound Distribution
- Compound Consolidation
- Assay Plate Preparation
- Reagent Addition
- Plate Dilutions

Benefits

- Maximizes flexibility by integrating into automated system.
- Eliminates contamination with software that tracks well & reservoir volumes.
- Saves on lab space with compact design.
- Assures pipetting performance by using 96 individual syringes and leak proof tip attachment.
- Maximizes safety with secure protector shield

On-LineFilling/Tip Washing

The On-Line Fill option controls a peristaltic pump and/or syringe which removes reagents from a reservoir on the RapidPlate deck. An overflow sensor is integral to the reservoir allowing automated filling and prevents overflows.

Multiaspirate Software

The RapidPlate software provides multi-aspirating capability. This feature allows the RapidPlate to aspirate liquids from multiple locations with air gaps and dispense to a single destination. The software also performs liquid level calculation and tracking based on a consumables database.

Caliper LifeSciences

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RapidPlate 96/384 Workstation

Specifications

Capacity: Six-position turntable

Speed: Replicates four 96-well plates in <70 seconds

Consumables: Both 100µL and 200µL disposable tips are available in non-sterile, sterile and barrier. The RapidPlate is compatible with both Rack and Nestable Caliper Life Sciences Certified disposable tips.

Volume Range: 1 - 200µL

CV: 1-10ul < 5%; 11-200µL < 2% (aqueous to aqueous transfers)

Electrical Requirements: 50/60 Hz; 120-240V, 10 amp

Computer: Caliper Life Sciences Optimized Controller

Operating System: Microsoft Windows 2000

Communication: RS-232 port

Ordering Information:

Part No	Description
72900	RapidPlate 96/384 Workstation
79019	On-Line Fill accessory with peristaltic pump
79020	On-Line Fill accessory with syringe pump
79021	On-Line Fill accessory with peristaltic and syringe pump
79016	Upgrade RS232 RapidPlate with On-Line Fill accessory with peristaltic pump
79017	Upgrade RS232 RapidPlate with On-Line Fill accessory with syringe pump
79018	Upgrade RS232 RapidPlate with On-Line Fill accessory with peristaltic and syringe pump
101030	Twister II Microplate Handler with iLink Software
66670	100µL Automation Certified Pipet Tips
56362	200µL Automation Certified Pipet Tips
78639	100µL Automation Certified Nested Pipet Tips for Twister II
78641	200µL Automation Certified Nested Pipet Tips for Twister II

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