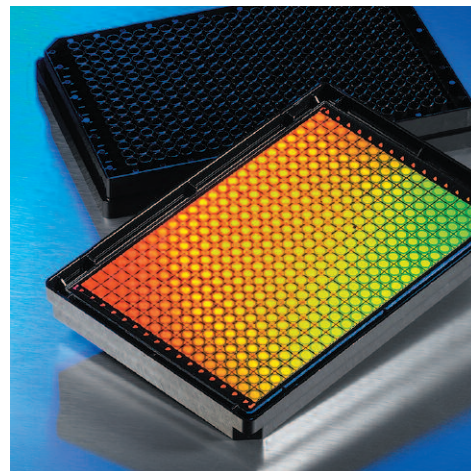


Corning® Epic® Liquid Handling Accessory

The Corning Epic Liquid Handling Accessory (LHA) is an automated 384-channel pipettor that integrates with the Epic System. This fully programmable aspirator/dispenser has a working volume of 0.1 µL to 25 µL per well and fills and transports a 384-well plate in 30 seconds. The LHA's plate stacker can accommodate 20 lidded 384-well standard Epic microplates or source plates, making it ideal for assay development and screening. The LHA maintains thermal stability and includes an automated tip wash station. The LHA also allows for the addition of customized HTS equipment to achieve even higher throughputs.



Corning® Epic® Liquid Handling Accessory

Head format

- ▶ 384 channel manifold head for disposable tips

Plate formats

- ▶ 384 well Epic microplates: biochemical and cell-based
- ▶ 384 well SBS standard microplates

Volume

- ▶ One plate stacker that holds 20 lidded 384 well SBS standard microplates

Automation

- ▶ Additional HTS integration is possible to enable higher throughputs
- ▶ Automated tip wash station included

Pipetting Precision (measured by using fluorescein concentration)

Volume ranges 0.1 µL to 25 µL

Dispense flow rates 0.25 µL/s to 16.4 µL/s

Wash station carry over <0.02%

Mechanical Specifications

Power Input	Single cable using Epic power supply or wall outlet
Storage Ambient Temperature	-10 to +50°C
Storage Relative Humidity	≤85% at +30°C
Operation Ambient Temperature	+15 to +35°C
Operation Relative Humidity	≤75% No condensate formation

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