

EZFILL⁴⁵⁰⁰

Transportable, easy-to-use and compact, the ezfill 4500's unique integration and control of critical functions like heating and vacuum degassing allow the unit to prepare and accurately dispense media in approximately 90 seconds while offering tight controls over key volume and temperature parameters for fast and effective de-aeration and media dispensing.*

- **COMPACT DESIGN**

Fits easily on the bench or used with the optional mobile cart or autofill.

- **IN-LINE HEATING**

Ready to prepare media immediately upon power up eliminates the time delays and wasted energy associated with immersion heaters used in bulk media tanks. (Maximum 20°C rise)

- **PRECISION VACUUM CHAMBER**

Piston controlled vacuum chamber creates a high vacuum for effective de-aeration and delivers precise media volumes accurate to within 1% of the set volume.

- **VARIABLE DISPENSE VOLUMES**

Selectable volume settings from 250 mL to 1000 mL allow for quick and easy volume changes without the need for system recalibration.

- **VARIABLE TEMPERATURE**

Optional temperatures from ambient to 45°C.

- **MULTIPLE DISPENSING CYCLE (MDC)**

Allows the system to process multiple vessels simultaneously for volumes set at or below 500 mL.

- **SURFACTANT CAPABLE**

Eliminates foam issues seen in other media preparation systems as process dissolution media contains up to 2% surfactants.

*Cycle time is volume and temperature dependent.



SPECIFICATIONS

Dispensing Volume	250 mL to 1000 mL
Dispensing Accuracy	The Greater of 1% of Set Volume or ± 5 mL
Heating Capacity	+20°C Degree Increase from Starting Point
Degassing	Up to a Maximum of 3.0 ppm, to an Endpoint of Not Less Than 5.0 ppm*
Input Filter	25 mm In-Line Filter Holder
Temperature Control	Cartridge Heater
Temperature Accuracy	$\pm 2^\circ$
PC Interface	RS-232 (serial) and USB 2.0
Dimensions	ezfill 4500 - 12.25" (w) x 27.5" (h) x 10.25" (d) / (31 cm x 70 cm x 26 cm)
	Autofill - 20.5" (w) x 10.5" (h) x 20.5" (d) / (52 cm x 27 cm x 52 cm)
	Mobile Cart - 21" (w) x 37" (h) x 27.5" (d) / (53 cm x 94 cm x 70 cm)
Weight	ezfill 4500 - 42 lbs. / (19 kg)
	Autofill - 26 lbs. / (12 kg)
	Mobile Cart - 32 lbs. / (15 kg)
Electrical Power	ezfill 4500 - 115V \pm 15V 50/60Hz 15A or 230V \pm 15V 50/60Hz 8A (Operating Voltage Pre-Set at Factory)
	Autofill - Supplied by ezfill 4500
	Mobile Cart - N/A

* Test Conditions: Water at 41°C. Dissolved gas removal is temperature dependent.

ACCESSORIES



"Optional" Autofill Media Station
(Shown with ezfill 4500)



"Optional" Mobile Cart
(Shown with ezfill 4500)



"Optional" Vessel Rack
(Shown with ezfill 4500)