

ADVANCE FILL MEDIA DEGASSER DISSOLUTION BRAND - BIOGENIX®

Product Description and Specification

The Smart Fill Media is Compact and transportable and offers quick and easy preparation of up to 10 liters of dissolution media in less than 15 minutes. In a single pass, the media for dissolution tests can be precisely heated, degassed, and filled gravimetrically into vessels. Foaming media like SDS (Sodium Dodecyl Sulphate) can also be used.

KEY FEATURES

Smart Design Microprocessor Controlled Touch Screen Display with Easy to Use Interface allows User to Program Important Functions like Heating, Vacuum Degassing. Smart Sensor Will detect the jars and Only Dispense Media if the Jar is placed in Position of Dispense.



SPECIAL FEATURES

In-Line Heating

It Helps Avoid Time Delays associated with the Conventional heating Method. The System is ready to prepare Media immediately upon on power-up. Piston Controlled Vacuum Chamber for Highly Effective De-aeration and Precise Media Volume. Variable Dispense Volumes- 200ml to 1000ml. Dispensing Method: Volumetric and Gravimetric. Validation and Calibration: Inbuilt for Temperature and Volume. Designed to use with Surfactants and handle Frothing.



Quick Documentation via Mobile Thermal Printer

Integrated Dosing port.

Optional Remote Filling Hand to fill the media Directly into the Dissolution Tester Vessel using Dedicated Switch FLUSH, START, STOP, WASH.



Technical Specifications

Product	Smartfill 5000
Function	Heating and Vacuum Degassing
Pharmacopeia Conformance	USP,EP
Control	Smart Touch Panel 7"
Time Needed for Degassing	1000ml in less than 110 sec.
Dispensing Volume	200 ml to 1000 ml to 200g to 1000g.
Dispensing time	1000ml in less than 110 sec at 41°C in ambient temperature .
Dispensing Accuracy	±1% of set volume, but not less than ±5 ml
Heating Capacity	Up to +20°C deg. increase from Ambient Temperature to Max of up to 45°C
Degassing	Up to a maximum of 3.0 ppm, to a level of not less than 5.0 ppm
Input Filter	25 mm in-line filter holder
Temperature Control	Cartridge Heater
Temperature Accuracy	± 2°C
PC Interface	RS-232 (serial) & Thermal Printer
Unit Dimensions	Height 32.28" (82 cm)
	Width 15" (38 cm)
	Depth 17.32" (44 cm)
Weight	37.0Kg
Electrical Power	220V ± 15V 50Hz 8Amps
	(Operating voltage pre-set at factory)



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