

Color Focus

automatic pipetting system



DLF-72S (Color Focus-3)

Feature

- Dyestuff bottle 72ea(1000cc), 90ea(800cc).
- Auxiliary bottle 5ea(2000cc).
- High technology X, Y, Z robot movement guarantee quick & precise dispensing.
 - 3Combi. (Medium color) 16 pot dispensing → Approx. 10~12min.
- Easy operation. (Windows 10 base)
- Accurate dispensing. ($\pm 0.02\text{cc}$)
- Maintenance free. (Tubeless & Auto cleaning & Simple design)
- Perfect color matching for disperse dyestuff due to tubeless. Don't worry about scale in the tube.
- Exact dispensing for light color(Gray, Beige, Khaki) guarantee high production due to decrease additional coloring → Economical effect.
- Dispensable directly to the various dyeing pot without any other tools - IR dyeing pot 150ml, 300ml, 500ml, beaker, flask, conical beaker, etc.
- 4 step auto cleaning system - Don't worry about contamination. (Option - 5 step)
- Cation. (Acid cleaning)
- Precheck by program for remain dyestuff.

Specification

Model	DLF-72S	DLF-90S
Stock table	Dyestuff bottle 1000cc x 72ea	Dyestuff bottle 800cc x 90ea
Dispensing method	Volume/Weighing metric (Option)	
Auxiliary bottle	2000cc x 5ea	
Agitating	Magnetic stirrer (Dyestuff/Auxiliary)	
Accuracy	$\pm 0.02\text{cc}$	
Speed (Medium color)	Minimum 10~12 min./16pot 3 combination	
Dyeing pot holder	16ea	
Syringe capacity	40cc (Basic) / 80cc (Option - CPB, Continuous dyeing)	
Robot system	1 robot system	
Power source	220VAC 50/60Hz single phase, 2kW	220VAC 50/60Hz single phase, 2kW
Weight (Approx.)	400kg ($\pm 5\text{kg}$)	400kg ($\pm 5\text{kg}$)
Dimension (Approx.)	1800(W) x 1250(D) x 1700(H)mm	1800(W) x 1250(D) x 1700(H)mm



Water dosing

It is equipped with a Flow Meter to check the flow rate and a Pulse control system is applied. The water/medicine supply head is designed to move to the Pot position so that the prescribed amount of water can be automatically supplied to each Pot.



Control panel



Auxiliary dosing

By applying an air pressurization method using a precision regulator, a constant pressure can be maintained in each preparation bottle, and the prescribed amount of preparation can be automatically supplied through chemical-resistant solenoid valve control.