

# Color Focus Automatic Dispensing System



DLF-120 (Color Focus-3)



## Dye dosing

Equipped with a stepping motor and precision ball screw, and applying a pulse control system, the dispensing device is fixed without moving to each pot position, and the pot table rotates, so there is no shaking of the dye solution, resulting in excellent pipetting precision.



Control panel

## Feature

- Dyestuff bottle 120ea(1000cc), 144ea(800cc).
- Auxiliary bottle 5ea(2000cc).
- Equipped with two robots, quick pipetting by the Super high speed motor & driver
  - 3Combi. (Medium color) 12 pot dispensing → Approx. 5~6 min.
  - 3Combi. (Medium color) 24 pot dispensing → Approx. 10~12 min.
- Easy operation. (Windows 10 base)
- Accurate dispensing. ( $\leq \pm 0.02\text{cc}$ )
- 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.
- 5 step auto cleaning system - Don't worry about contamination.
- Cation. (Acid cleaning)
- Precheck by program for remain dyestuff.

## Specification

Model	DLF-120	DLF-144
Stock table	Dyestuff bottle 1000cc x 120ea	Dyestuff bottle 800cc x 144ea
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 5~6min./12pot 3 combination Minimum 10~12min./24pot 3 combination	
Dyeing pot holder	24ea	
Syringe capacity	40cc (Basic)/80cc (Option-CPB, Continuous dyeing)	
Robot system	2 robot system	
Power source	220VAC 50/60Hz single phase, 3kW	220VAC 50/60Hz single phase, 3kW
Weight (Approx.)	600kg ( $\pm 5\text{kg}$ )	600kg ( $\pm 5\text{kg}$ )
Dimension (Approx.)	2840(W) x 1400(D) x 1800(H)mm	2840(W) x 1400(D) x 1800(H)mm