

# Copower Intelligent Auto-Mate System



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## Main Unit :

### 1. Dye cans Storage Cabinet x 1

- A total of 96 dye cans are stored in the cabinet, with position indicator for clear visibility, bi-directional rotating is available.
- RFID and position number label stuck on each dye can

### 2. Standard Solution Make-Up Area x 1

- Equipped with cold, hot water tanks and 3 auxiliary tanks
- Equipped with a movable dispensing head and a fixed waste tray
- 3 sets individual mixing position
- Equipped with two RFID readers to verify the dye can and bottle number individually

### 3. Stock Solution Make-Up Area x 1

- Contains D/T module, which have 8 dispensing positions
- Equipped with a RFID reader to verify the number of stock solution bottle
- Contains 3 auxiliary bottles and 1 soft-water

### 4. Bottle Turntable Module x 1

- Each equipped with 48 bottles: 40pcs in 1000ml of standard solution bottle (Glass) and 8pcs in 1000ml of stock solution bottle (PC)
- RFID and bottle number label stuck on each bottle
- Equipped with a RFID reader to verify the number of standard solution bottle and stock solution bottle

### 5. Standard Solution Mixing Temporary Stocking Area x 1

- 21 bottle positions are provided with mixing function
- Equipped with a set of auto-refresh device in refreshing of bottle valves

### 6. Control Room x 1

- Independent control room is designed for convenient operation

## Specification:

Model	iCAMS 48/00
Number of solution bottle	48 (Glass V/B x 40, PC V/B x 8)
Number of scale	3
Readability of scale	0.001 for 2 0.01 for 1
Number of dyepot adapter	8
Power	220V / single phase / 50-60Hz / 5KW
Dimensions (WxDxH) (mm)	3505x1150x1680
Net weight (kg)	700

Specifications subject to change without notice



"Certified to ISO 9001:2015 in Quality Management System Requirements"

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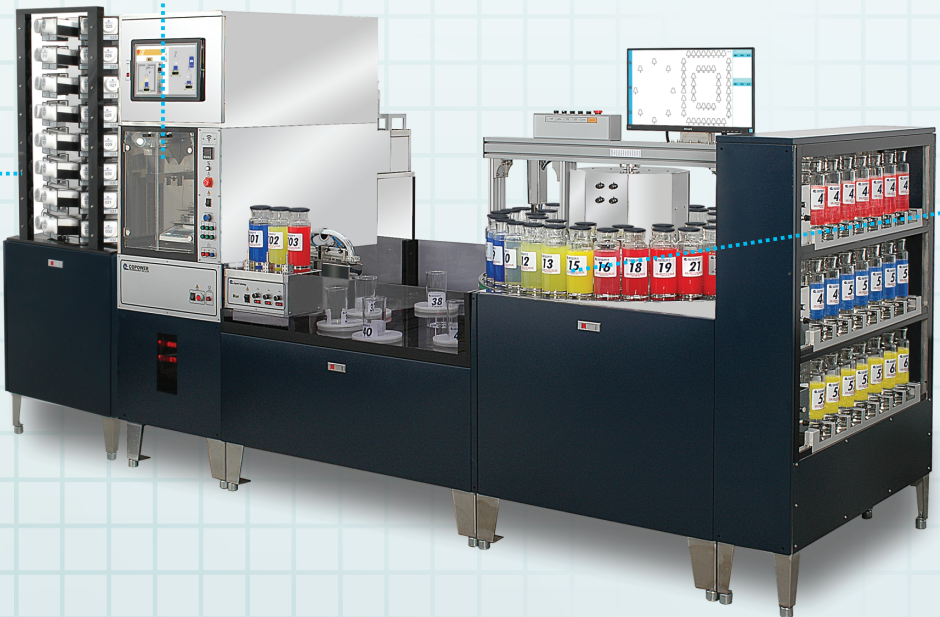
COPOWER-Be Your Power



# Copower Intelligent Auto-Mate System — *iCAMS 48/00*



**Dye Cans Storage Cabinet**  
This cabinet will keep dye cans in order, and operator can correctly get the dyestuff corresponding with the light indicator.



**Diluting Stock Solution**  
Making a dilution of solution by reading the RFID tag from the bottle to prevent the human error, reduce time-consuming and tedious, to achieve the goal of high-throughput and reliable.

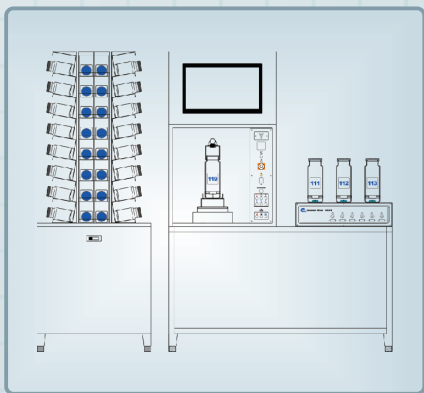


**Making Standard Solution**  
Making a standard solution by reading the RFID tag from the dye can and bottle. It can prevent the human error, convenient and reliable.

The optimum resolution to prepare the stock solution for dispenser

Standard / Fast / Accurate / Good Repeatability

Making up standard solution

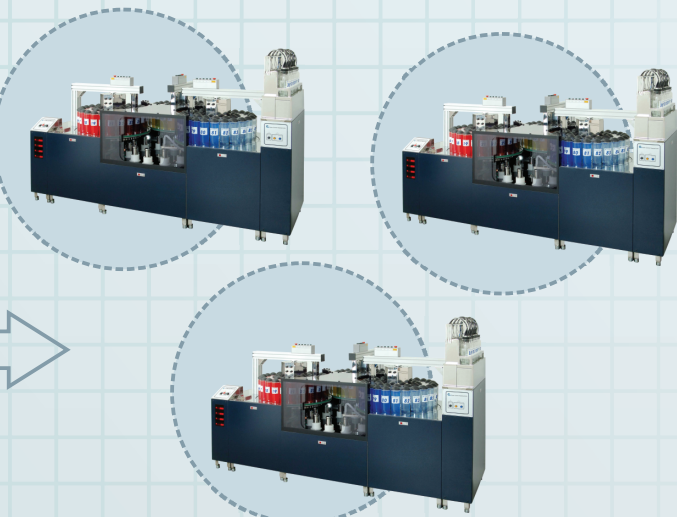


Preparing the standard solution from powder form of dyestuff

Automatic and rapid in diluting stock solution



Get the high / low concentration of solution done



Can supply for usage for several dispensers at the same time



To work with bottle washing machine will be helpful to promote working efficiency

**coPOWER-Be Your Power**