

Do you have any trouble with special ink?



Reduce leftover ink.
Prevent dead stock.
Use the left ink effectively.
Do not need any professional color matching technique.

Save time for color matching.
Save time for making ink ready.

Keep the stability of color.
Manage color by numerical values.
Make the standard specification clear.
Everyone can use it even new comer.

Please leave it to Kurabo

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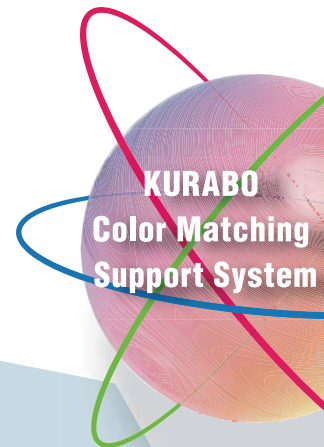
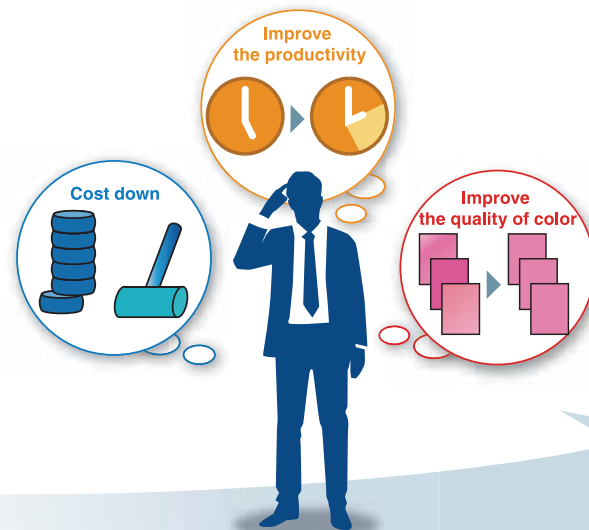
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KURABO

AUCOLOR® since 1978
Computer Color Matching System

Do you have any trouble with special ink?



Color matching support system help you to solve problems.

We provide you a CCM system with simple and easy operation. Color matching system is not only to rationalize the machine, but also to make working process more smoothly. Kurabo's color matching system is your best choice.

The product line-up for color matching support

Calculate for recipe

Computer color matching system AUCOLOR-OF10

This is the main system of our color matching support system. Accurate color recipe is available in a short time.



Ink dispenser

Automatic colorant dispensing system AUKITCHEN series

Automatic ink dispensing system with communication function from CCM. Easy, quick, and accurate color dispensing is available with setting 16 inks at the maximum (10 inks for standard).



Color matching support system is a system to provide you efficient total ink production. Together with accurate & high speed color recipe calculation system CCM (Computer Color Matching), ink dispenser, ink mixer, and color proofer contribute you to gain following benefits.

Cost down

Reduce the abandon ink and long term storage.

You can purchase appropriate amount of ink without a big loss and long term stock.

Reduce the base paper when adjust color with machine.

You do not need to adjust color on printing machine so amount of base paper for testing is reduced.

Reduce labor cost for color matching

Easy and simple operation enables anyone to make accurate color so you do not need to allocate high skilled craftsman for color matching.

Improve the productivity

Efficiency of color matching work

You can easily confirm the production schedule, delivery date, required amount of ink, and new/repeat color.

Color matching time

Production time to make special ink is reduced. Improve the operating rate by reducing the preparation time.

Waiting time for ink

The time for color matching is almost the same for all colors. So efficient production schedule will reduce ink waiting time.

Improve the color quality

Stability of repeat color

Making color by managed color recipe and stable color quality is available when you need same color for next order.

Accurate color evaluation by computer

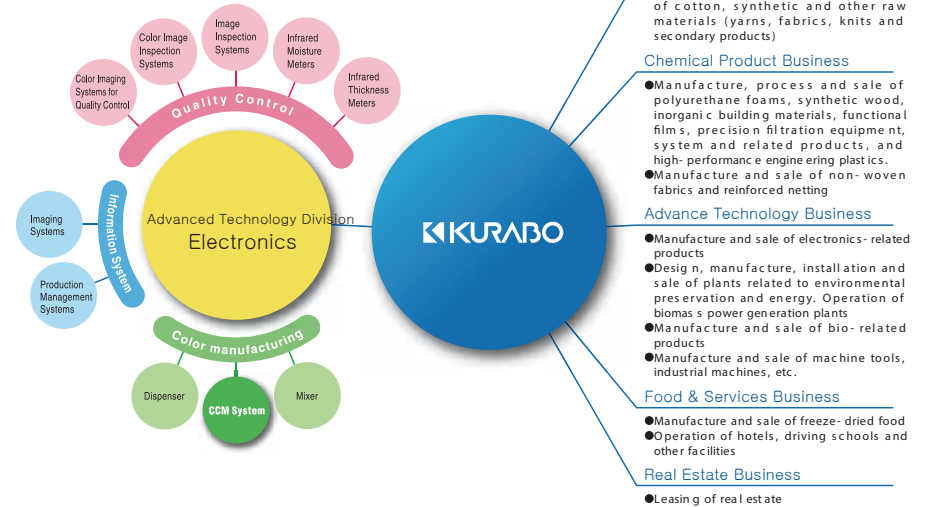
Produced color is evaluated by computer based on the numerical color value. So, the result is not affected by personal judgement.

Color rendering and metamerism matching

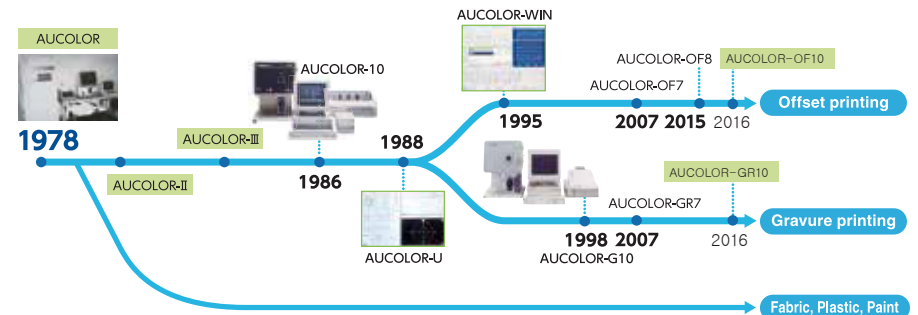
Color change evaluation by different light source and different primary ink information is available.



KURABO Electronics



The history of Computer Color Matching system AUCOLOR



Support and Service

We have a development section which can self-develop software. If you have any special needs for system development or function, please do not hesitate to contact us.

We also have an affiliated company — KURABO TECHNO SYSTEM, which provide service after installation. We are available for your any inquiry.

Ink mixer

Planetary mixer / deaerator KK series

Performs mixing/kneading and deaeration by rotating and revolving with no rods/blades. Even UV ink can be processed within 90 sec. KK- 400W:100g×2cups KK- 1000W:500g×2cups KK- 2000W:1kg×2cups



Tester (Color Proofer)

Color proofer

Color proofer with high reproducibility to support accurate color recipe calculation.



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CCM SYSTEM

AUCOLOR-OF10

The 9th generation CCM has higher accuracy, performance and operability

Color mixing of ink always has such problems.

- Cost reduction.
- Enhance efficiency.
- Improve color quality.

Kurabo supports you to solve such problems through CCM system.

To step beyond the generation, new and developed feature is applied to AUCOLOR-OF10. The open system is available to your network, with wider extensibility.



Personal Computer
(With back up function)

Spectrophotometer
(Konica Minolta CM-3600A)

Main software

- First CCM Calculation ●Correction CCM Calculation
- Standard Color Management ●The Basic Data Management

Features

●CCM calculation with Full function

Optimizing ink amount for color sample & combination of color ink,color arrangement to similar materials, and automatic calculation for best color arrangement function is available.

●Simple Operation

Because the optional function and operation works depends on your needs, so the calculation for combination can be realized by the least operation.

●Powerful extensibility

Considering compatibility between user's OA system and CCM, the system is built under open sysytem design, so available for various users.



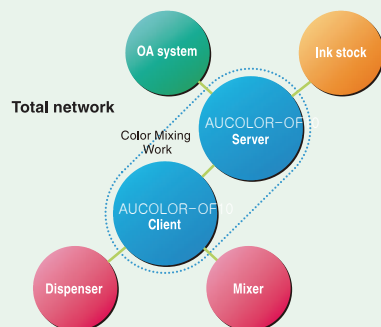
First CCM Calculation



Correction CCM Calculation



Standard Color Management



Automatic high viscosity ink dispenser

AUKITCHEN Series

Accurate

Speedy

Clean

Good color matching begins with correct ink dispensing

Automatic high viscosity ink dispensing system AUKITCHEN series can calculate high viscosity ink which are used for offset printing, seal or label with high speed and high precision. It contribute to the labor-saving and rationalization for color matching work. It is available for various ink and small lot. You can do color matching work in your own company even if the mixing amount is very small. And you will not make your hands dirty because the materials will be set directly to the inkcontainer. The automatic work from color sample to color matching is realized because of combination of CCM system and mixing system KK series.



Features

●High-speed, high-precision ink dispensing

It will judge to use the large valve or the small valve, depends on the amount of ink dispensing.



Large valve

Small valve

●Easy to supply the material

The 3kg ink box or 20kg pail can is set directly to the equipment, so you can supply the material clean and easily.



●Available for oil-based ink · UV ink · flexo ink

It is available not only for oil-based ink and high-viscosity ink, but also for flexo ink.

●Connection with CCM system

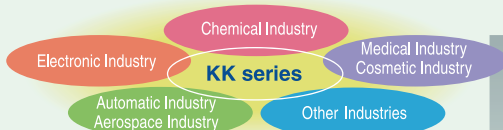
You can get the prescription from CCM system, don't need to input it again.

Specification

		MS	FS	SS
Number of material	Standard	10 color	10 color	10 color
	Max	16 color	12 color	16 color
Container of material	Standard	20kg pail can	Cartridge(3kg)	Box for 3kg use only
	Option	Cartridge(3kg)	20kg pail can/1kg can	20kg pail can
The extent of measurement	Standard	12kg/±0.2g	2kg/±0.05g	2kg/±0.05g
	Option	32kg/±0.2g	6kg/±0.05g	6kg/±0.05g
		6kg/±0.05g		
Voltage		6kW(200V)	2kW(100V)	2.5kW(100V)
Air pressure		0.5~0.7MPa		
Dimension(Standard)	W	2250	1300	1200
	D	1040	550	1200
	H	2240	2150	1735

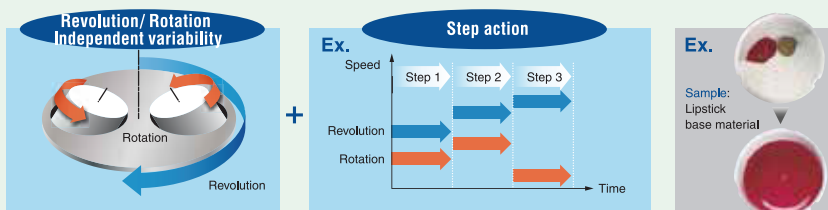
Planetary Mixer/Dearator KK Series

KK series contributes to various manufacturing industries.



Features

- Remove air bubbles without using vacuum by centrifugal force and container rotation adjustment.
- Process without individual difference for a short and constant time.
- Treatment inside the container and wash-free.
- Make it possible to perform uniform mixture between different plural materials of viscosity and specific gravity by speed balance adjustment of revolution and rotation.
- Even materials with high viscosity of hundreds of thousands mPa.s level can be treated by combination of plural number. Vectors of strong continually generated acceleration of gravity.



Specification

Model name	KK-400W KK-400WE	KK-1000W	KK-2000W
Max processing quality (ink)***	100g × 2 container	500g × 2 container	1kg × 2 container
Revolution	10 level variable(10~1)		
Rotation	10 level variable(9~0) (0.0~1.0 times of revolution speed)	10 level variable(9~0) (0.0~0.94 times of revolution speed)	9 level variable(9~1)
Setting time	10~990 seconds. × 3 steps	10300 seconds. × 3 steps	10900 seconds. × 5 steps
Main warning device	Unbalance, Upper door and/or maintenance cover open, and overload		
Main safety function	Automatic shutoff in case of error, Locking door while in operation and preventing system from being used while door open.		
Temperature and Humidity for use	10~40°C, 20~80%RH (No dew condensation)		
Power supply	(W)AC100~120V (WE)AC200~240V	1φ AC200~240V	3φ AC200~240V
Electricity consumption	Approx.750W	Approx.2kW	Approx.5kW
Dimension	400(W) × 513(D) × 457(H)mm	565(W) × 597(D) × 741(H)mm	663(W) × 645(D) × 845(H)mm
Main body weight	51kg	150kg	225kg

Color Proofer RIT-03

Accurate color matching needs a good color proofer which has high reproducibility.

RIT-03s is a color proofer for offset printing. It can easily make the accurate printing sample to maximize the performance of AUCOLOR-OF10. Because of using the roll which can be used for oil-based ink and UV ink, RIT-03s is available for various purpose. You can easily print the sample without any personal difference.



Features

- Available for oil-based ink/ UV ink. You can print with thin paper, thick paper, Yupo paper, film, sticker, gloss paper etc.
- Cleaning doctor enables easy cleaning process..

Specification

Power: AC100V(Single phase) ×150W
Resin roll is available for oil-base ink and UV ink.
Dimension: W400mm×D400mm×H310mm
Weight: 30kg
It can be switched for RI tester.

UV Curing System SUV-400

Non-ozone type high-voltage mercury lamp irradiation machine. Compact size and does not need ventilation duct. Quick dry & available in short waiting time.

Features

- Compact
- Because of using the non-ozone high-voltage mercury lamp, does not need a ventilation duct. Ventilation duct installation is not required.
- Pull the tray, set the printing sample, press the button, set the time and it finish when the alarm ring.
- Power off automatically. Calculate the accumulated light time.



Specification

Paper size: A5(210×149mm)
Set method: Tray type (Manual)
Light box: W250mm×D400mm×H260mm
Power box: W150mm×D400mm×H260mm
Power: AC100V×500W
Weight: 12kg(Light box) 15kg(Power box)
Light: High-voltage mercury type (Non-ozone)
Light export: 400W
The life time of light: approximate 1000 hours