Computer Color Matching System for Textile !

AUCOLOR-TX10

AUCOLOR-TX10 is Computer Color Matching System for textiles which can handle mixed fabrics of 5 materials.
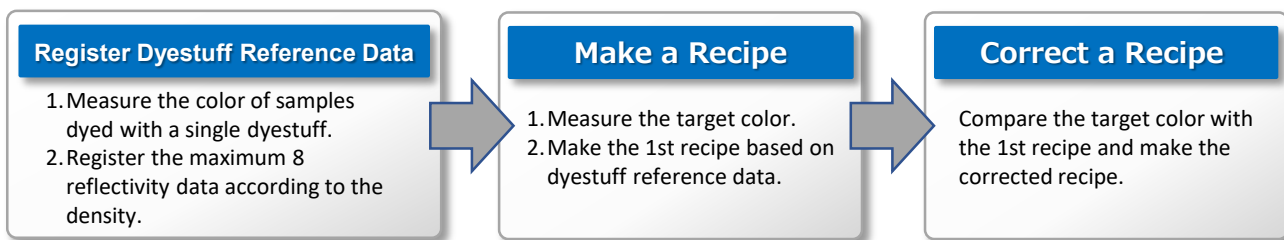**AUCOLOR-TX10 is adopted by many dyeing factories in JAPAN.**

Personal Computer
(with Back up function)

Spectrophotometer
(Photo is bench top type Konicaminolta "CM-3600A")

- AUCOLOR-TX10 makes a recipe based on registered dyestuff reference data.
- AUCOLOR-TX10 has 3 useful functions to support you to choose dyestuffs and make a recipe. "Calculation", " Automatic choice", "Combination choice"
- AUCOLOR-TX10 can connect with CCK and export recipe data.

Register Dyestuff Reference Data

1. Measure the color of samples dyed with a single dyestuff.
2. Register the maximum 8 reflectivity data according to the density.

Make a Recipe

1. Measure the target color.
2. Make the 1st recipe based on dyestuff reference data.

Correct a Recipe

Compare the target color with the 1st recipe and make the corrected recipe.

Induction Merits

Cost Down

Reduce sample cost
Reduce the number of making samples and shorten the time of process and cut dyestuffs losses.
Select the best suited recipe
Prepare a recipe balancing the quality and cost, after confirming the dyestuffs cost.

Stable quality

Eliminate individual differences
Standardize the color judging criteria based on the measured value.
Effective use of saved data
Record recipe data and it can be used for repeat orders.

Productivity improvement

Improve work efficiency
Enhance work efficiency of post-process due to stable recipe making.
Effective use of past data
Make a recipe with ideal combinations based on recorded data.

Access here to read more!

Calculation : Choose the dyestuffs candidate and prepare a recipe with designated number of dyestuffs

Dye Candidate
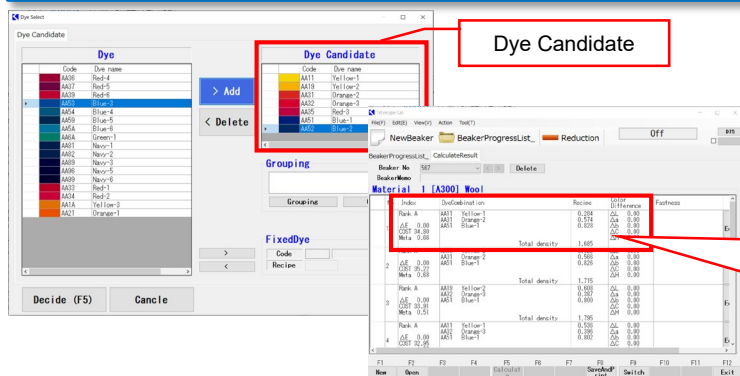
Calculate 8 recipe choices by considering color difference, dyestuffs cost and color rendering. Prepare recipes balancing quality and cost from several dyestuffs choices.

ΔE	0.00	Yellow	0.284%
COST	34.80	Red	0.574%
Meta	0.66	Blue	0.828%

Automatic choice : Prepare the recipe with registered dyestuff combinations on the color space

Red - 1
Yellow - 2
Blue - 3

Red - 1   0.23%
Yellow - 2 0.34%
Blue - 3   0.45%
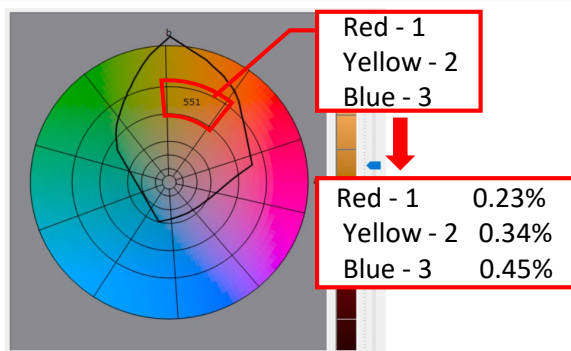
Register dyestuff combinations on the color space.
AUCOLOR-TX10 chooses the dyestuff combinations close to the target color automatically and calculates the recipe. AUCOLOR-TX10 is used by dyeing factories where issue many recipes a day.

Dyestuff combinations : Prepare the recipe with registered dyestuff combinations

Choice dyestuffs combi
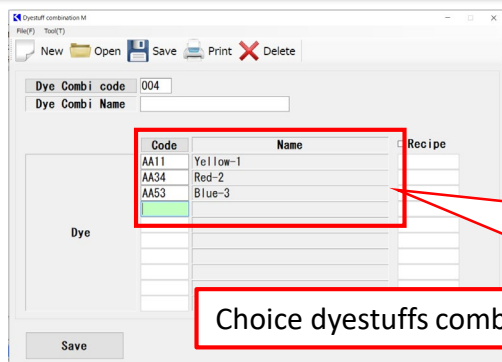
Register dyestuff combinations considering the dyeing speed and frequency of use. This function shorten the time of entering each dyestuff data.

Code	Name
AA11	Yellow-1
AA34	Red-2
AA53	Blue-3

System Line up

AUKITCHEN-C100

Computer Color Kitchen for Laboratory. Dispense the dyestuffs based on the recipe. AUKITCHEN-C100 is good at dispensing small quantity.

AUKITCHEN mini

Weighing multiple dyestuffs simultaneously by using a dispenser. Mini volume measurement type with a turntable.

MONOPET

Making stocks of the dyestuff for a dispenser. Once you put the dyestuff, it is diluted to the desired concentration automatically.