

GAINTM DISPENSER

GAINTM DYEMASTER

The Smart Choice For Your Textile Laboratory

DS5-104+DM5



■ User-friendly operation

■ High speed. Accurate reproducible

■ Increase productivity, reduced cost

■ Integrated system operation.

Recipe formulation, stock solution preparation, and automatic recipe dosing systems.



增益資訊
GAIN ASSOCIATES INC.

DM-5



INCREASE ACCURACY IN TESTING COLOR

GDM Specification

- **Solution Preparation Management** —
Standardize the mixing operation.
- **Parameter Management** —
Preset computer controlled parameter optimize the mixing operation according to different application fields.
- **Automatic / Semi Automatic Operation**
Easy to handle, automatic / semi operation selection.

MIXER



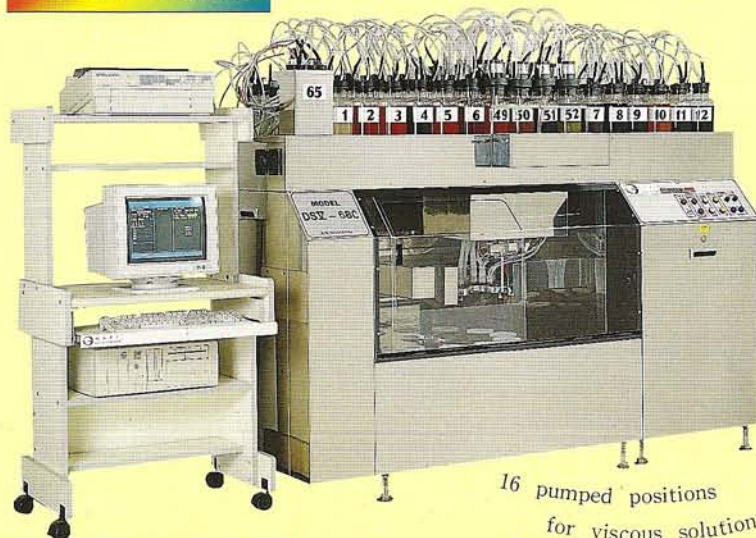
High-speed mixer
for dyestuff dissolution
on dispensing

INCREASE EFFICIENCY IN LABORATORY

*GDM For
Guaranteed Stock Solution Accuracy
BENEFITS*

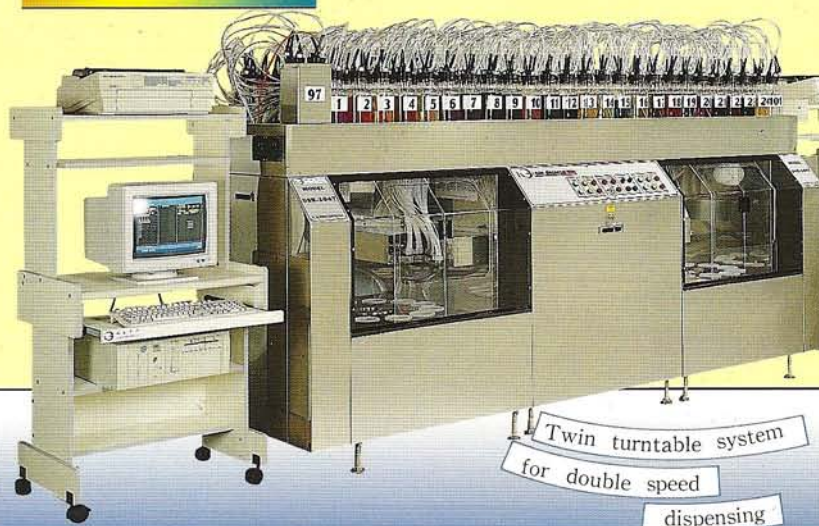
- **STANDARDISES** —
Solution Preparation Procedures
High Accuracy With Records
High Speed
- **CONTROLS** —
Shelf Life Of Solutions
Temperature Of Preparation
- **User Friendly Software**
Can be networked to recipe dispenser for absolute accuracy.
- **Compact and elegant stainless housing** for easy maintenance.
- **Globalized service network** to ensure prompt and complete service direct or manufacturer.

DS5-68C



16 pumped positions
for viscous solution
dispensing

DS5-104T



Twin turntable system
for double speed
dispensing

DS5-68

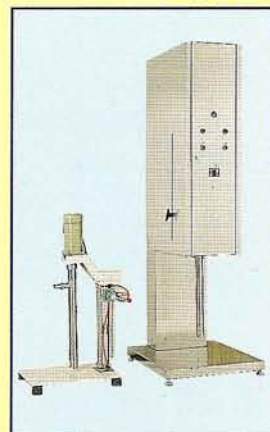


Dispensing picture



Dispensing
status display

PUMP



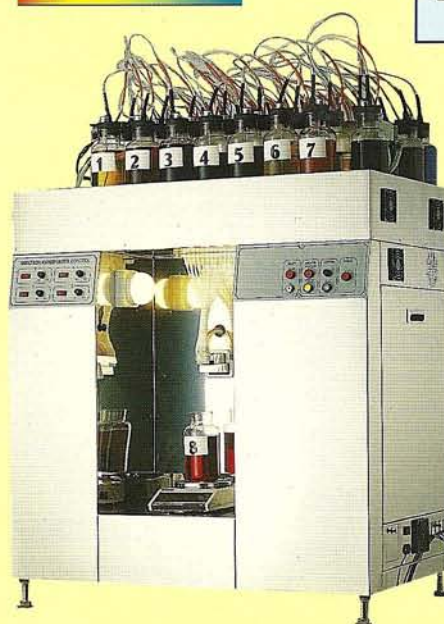
Thickener
dispensing
pump for
TEXTILE
PRINTING

MINIMIZED ERROR IN PROCESSING

GDS Recipe Solution Accuracy With Speed
BENEFITS

- Systems for Exhaust Dyeing, Continuous Dyeing, and Printing.
- Stock Solution Control
- Recipe Input Calculation Manipulation and Control
- Batch Dispensing Function
- Automatic Recipe Solution Dispensing
- Operational Report Analysis and Display Functions
- Automatic System Calibration
- Error Report and Operator Warning
- PC Networking to GDM and Production systems for Total Control (TIS).
- Full-Display for Dispensing Control Conditions —
refer to Dispensing picture
- Emergency Recipes Dispensing —
Can interrupt and reformulate recipes any time for emergency dispensing without harmful to the operation.

DS5-32



combined make
solution function and
recipe dispenser for
smaller laboratories.

Gain Dispenser Main Function

1. Stock Solution Management
2. Recipe Management
3. Batch Formula Management
4. Dispensing Operation
5. System Parameter Setup
6. Operational report
7. Spare formula programming
8. Make Solution operation

GAIN DISPENSER TECHNICAL DATA

SPECIFICATIONS	32	68	68C	104	104C	104T
NO. of bottles and valves for low-viscosity stock solutions	30	64	46	96	64	96
NO. of bottles and valves for high-viscosity stock solutions			16		32	
NO. of positions for thickener			2		2	
Position for water (quantity of valves)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)	1 (2)
Dispensing working station	1	1	1	1	1	2
Size of bottles (l)	1	1	1	1	1	1
Positions and valves for auxiliary with automatic refilling		3	3	7	7	7
NO. of moving dispensing heads (grav.)	1	4	4	4	4	8
NO. of pots on turntable		1 × 12POTS	1 × 12POTS	1 × 12POTS	1 × 12POTS	2 × 12POTS
Scale resolution	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01
Dispensing accuracy (g)	± 0.02	± 0.02	± 0.02	± 0.02	± 0.02	± 0.02
Width × Depth × Height in cm	114 × 69 × 160	200 × 82 × 172	200 × 82 × 172	296 × 82 × 172	296 × 82 × 172	300 × 82 × 172
Weight (kg)	250	470	470	670	700	800
Power Source	AC 110V or 220V ± 5%, 50 / 60HZ, 15A, 3.5kW					
Water Source	2 kg/cm ² , 44 l /min					
Air Source	3 kg/cm ² , 70 l /min					

Optional Items——Precision Scale for fabric sample-weighing, 2-liter stock solution bottle, audio system.

GAIN DYE-MASTER THCHNICAL DATA

- Stainless Contour Housing
- Fixed Level Automatic Thermostat
Controlled Water Container
- Scale resolution ± 0.01g
- Mixing accuracy : ± 0.02g ~ ± 1 g
- Dosing Speed : 1800g / min
- Dimension : 75 × 55 × 100cm
- Weight : 70kg
- Mixer with six mixing locations
- Power Source : AC 220V ± 5%,
50 / 60HZ, 20A
- Water Source : 5 / 8" TUBE, 30 l / min,
2kg / cm²
- Optional Apparatus Items——Auxiliary
Feeding System, 3 Decimal scale

HARDWARE REQUIREMENT

- PC with a 486 processor computer
- 120MB hard disk
- 1.44MB, 3.5" floppy disk
- 14"VGA color monitor
- 80 lines, printer



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