

# SG Formula Control & Traceability Systems

Model: SGV5SYSTEMS

The SG V5 Formula Control Scale System is an ideal solution for ensuring recipe integrity. It enables ingredients to be measured and traced both accurately and consistently without costly unintentional giveaway or out-of-specification batches.

## FEATURES

- large, bright, colour touch screen for intuitive operation
- weigh every ingredient within enforced +/- tolerances using a highly visual speedometer style display
- electronically record real-time inventory usage for stock management and to eliminate costly traceability paperwork
- unlimited ingredients, recipes and users
- system complies with a large range of quality standards
- easily import and export data
- easily track lot-specific inventory through production and shipping
- full traceability within seconds
- programme a library of recipe specific messages for; operating procedures, health and safety instructions, allergen messages and more

## OPTIONS

- various label printers and barcode scanners
- bulk ingredient control options
- end of labelling options
- inventory control software
- warehouse management system
- wired or wireless LAN enables multiple terminals to communicate with a central database
- terminal support via VNC or RDC
- PLC and switchgear (serial or network)

Paperless Lot Traceability  
Product Consistency  
Reduced Batch Production Time  
Allergen, Safety & Recipe Messaging  
Simple Real Time ERP Integration



## WEIGHING SCALES

# SG Formula Control & Traceability Systems

Model : SGV5SYSTEMS

## FORMULATION CONTROL SYSTEM

SG V5 Formula Control Scale System is an ideal way to ensure ingredients are measured and traced accurately and consistently without costly giveaway or out-of-specification batches.

The system ensures each weighed ingredient has enforced +/- tolerances and prevents recipe completion until all ingredients have been weighed within their target zone.

The system scans and validates lot numbers, providing real time inventory usage and eliminating costly traceability paperwork.

Hundreds of configuration options exist in the standard system, enabling each workstation to be setup to handle many applications including; batch, campaign and combination weighing.

The V5 Formula Control Scale System provides effortless compliance with a number of quality standards including; BRC, FDA and FSMA.

## COMPREHENSIVE TRACEABILITY

Track lot-specific received inventory through production (batching, mixing, finished products) to shipping.

Track operators through user specific PIN codes which can also be used to control access levels.

Complete forward and backwards traceability allows supplier and customer led recalls to be resolved quickly and effectively.

## PRODUCTION, FORMULATION & REWORK CONTROL

Location specific production and formulation control allows management to prioritise production batches and monitor the ingredient usage with scaling weight accuracy. Supports BOM within BOM for heirarchical production.

Flexible formulation control allows rigid or flexible formula setup. Post production batch editing allows ingredient adjustment and substitution post mix (including rework).

## PRODUCTION AND USAGE

Setup a library of recipe messages (for SOP, HACCP, COSHH). Graphical on screen prompts ensure commodity specific Safety & Allergen messages are displayed using GHS Symbols.

Batch validation allows supervisor-only batch sign off when completing a formulation.

## IMPORT AND EXPORT DATA

Allow automated timed data exchange using the optional Gateway module.

Import possibilities include commodities, formulations, production schedules, locations, users, allergens, safety instructions, recipe messages, supplier PO, customer SO, inventory and more.

All data captured can be exported using a timer or event. Event triggers may include; batch or job completion, receipt of a Purchase Order or completion of a Sales Order etc.

## HARDWARE SPECIFICATIONS

The Touch Screen is a heavy industrial terminal designed for harsh manufacturing environments. It's constructed using compression seals to maximise ingress protection and cable entries are sealed and protected. Can be supplied and connected to a wide variety of scales and balances using internal connections.

## WAREHOUSE MANAGEMENT SYSTEM (OPTIONAL)

operates on fixed terminals or mobile tablets  
receive, move, withdraw and label inventory  
record commodity specific quality assurance data  
allocate finished batches to sales orders, pick stock, manage freshness and label pallets and ship (against a sales order)  
cycle counting using barcode scanning  
multiple unit of measure support, with bulk unit selection for rapid, efficient receipt



## WEIGHING SCALES

LABELS | LABELLING EQUIPMENT | PACKAGING EQUIPMENT  
ESL & DIGITAL SIGNAGE | WEIGHING SCALES | POS SYSTEMS  
FOOD EQUIPMENT | MAINTENANCE & REPAIRS | HIRE

Specifications may change without notice

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