Model FC6200
Formula Control Scale

Specifications

Display: LCD - 5.7" STN QVGA 320 X 240

Controls: CLEAR, ENTER, START, STOP, LOT ID, RECIPE RECALL, ZERO, and Alphanumeric Keypad

Power: 115 VAC, 50/60 Hz (230 VAC Optional)

Data Output: USB Thumbdrive or Optional Wired Ethernet

Construction: 304 Stainless Steel (16 Gauge)

Dimensions: 9.25" H x 10.5" W x 5.5" D (Indicator)

Options:
- Meter Only Option With Table Mount U-Bracket
- IP65 Rated Heavy Duty Barcode Scanner
- Ethernet Communications
- 30" Column
- Fine Ingredient Scale for accurate measurement of small ingredients (less than 0.5lb).
- Communication link to bulk ingredient batch controller.

Warranty: Two Year Parts & Labor

Specifications subject to change without notice.

Model Selection Guide

Precision Resolution Models

Model No.	Base Size	Capacity lb	Capacity kg
FC62100/1818	18" x 18"	100 x 0.02	45 x 10g
FC62250/1818	18" x 18"	250 x 0.05	113 x 20g
FC62500/1818	18" x 18"	500 x 0.1	227 x 50g
FC62250/1824	18" x 24"	250 x 0.05	113 x 20g
FC62500/1824	18" x 24"	500 x 0.1	227 x 50g
FC62250/2424	24" x 24"	250 x 0.05	113 x 20g
FC62500/2424	24" x 24"	500 x 0.1	227 x 50g
FC621000/2424	24" x 24"	1000 x 0.2	454 x 100g

Super Precision Resolution Models

Model No.	Base Size	Capacity lb	Capacity kg
FC62100SP/1818	18" x 18"	100 x 0.01	45 x 5g
FC62250SP/1818	18" x 18"	250 x 0.02	113 x 10g
FC62500SP/1818	18" x 18"	500 x 0.05	227 x 20g
FC62250SP/1824	18" x 24"	250 x 0.02	113 x 10g
FC62500SP/1824	18" x 24"	500 x 0.05	227 x 20g
FC62250SP/2424	24" x 24"	250 x 0.02	113 x 10g
FC62500SP/2424	24" x 24"	500 x 0.05	227 x 20g
FC621000SP/2424	24" x 24"	1000 x 0.1	454 x 50g

All scale systems include a 20" fixed height Atlas Column. Other base sizes and capacities are available upon request.

Fine Ingredient Scale
Model 4300-FC

- Interfaces with the Model FC6200 Formula Control Scale.
- Extends the same lot tracking and formula benefits of the FC6200 to fine ingredient scaling.
- Available in two and five lb capacities.
- Provides precision fine ingredient scaling to 0.0002lb or 0.10g accuracy.

FREE CD - Visit www.doranscales.com/FC6200 to request a CD demonstrating the FC6200 and the Formula Loader Software.

Doran Scales, Inc.
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FC6200 Features...
- Generates HAACP & BTA 306 Compliant Reports
- Programmable Target Weights Prevent Ingredient Loss
- User Prompting Ensures Accurate Formulations

Smart Design...
...Better Weighing

Doran FC6200

Formula Control Indicator

Introducing Doran's FC6200, your ideal solution for production control and traceability of bulk and minor ingredients that meets the mandated requirements of the Bioterrorism Act, Section 306 (BTA) and HACCP. Once the FC6200 is in place, your plant will run more efficiently, and the extensive reporting meets the requirements for ingredient lot number tracking. With over 30 years of experience in food environments, Doran's FC6200 will be your choice as it survives the harsh environment of food processing and is simple to operate. Enclosed in a washdown safe NEMA4X / IP67 enclosure, the full color LCD display is protected with a thick Lexan® panel bolted and glued in place to prevent damage.
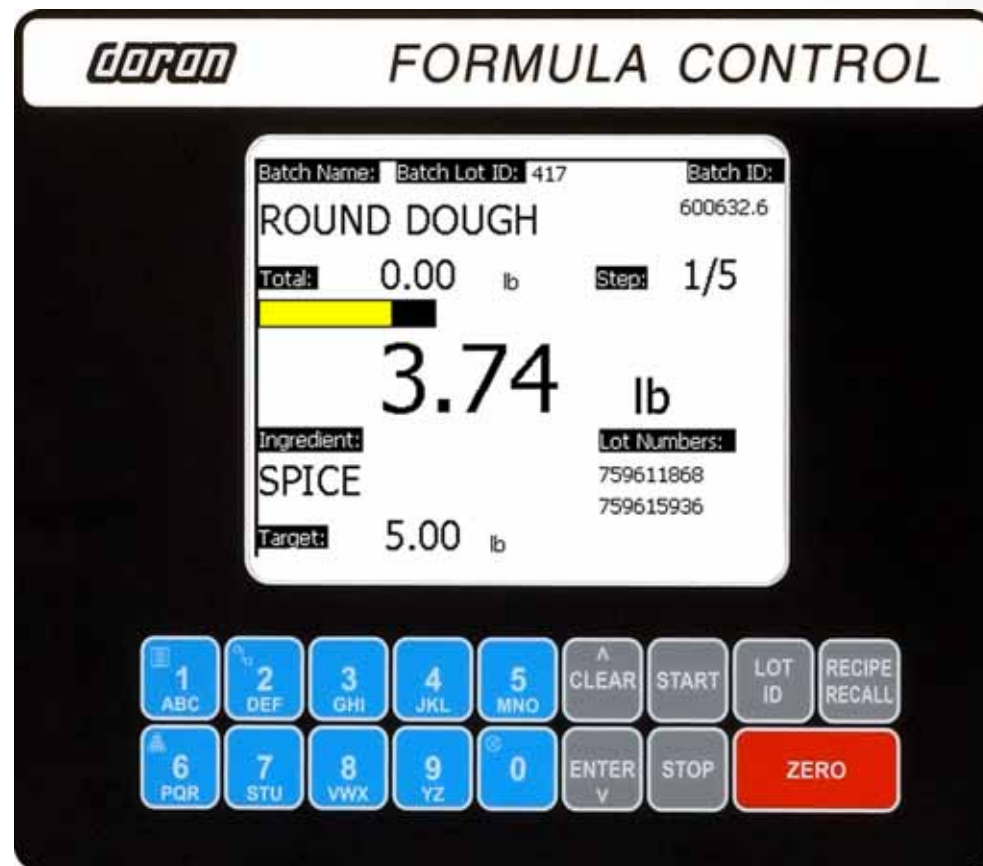
Traceability and Increased Productivity

HACCP and BTA 306 compliance for lot control is achieved by tracking the lot number of each ingredient for all scaled batches. The FC6200 lets you precisely control your formulas by prompting the user through the formula one ingredient at a time. By prompting the user through the formulas, the correct ingredients are accurately scaled every time and the ingredient target weight tolerance ensures control of your operations. Efficient scaling no longer requires an experienced production employee, as the process becomes far simpler when the user is prompted through the formula. Users scaling ingredients that are distracted by other production responsibilities can now return to the partially scaled formula assured that the scale will prompt them through the remainder of the formula without error.

During formula scaling, each ingredient lot number is automatically traced while ensuring the ingredients meet the desired weight tolerance. The scaled formula is saved in a digital record, far more accurate than the typical hand written records used on most plant floors today. The digital format makes searching and analyzing production data fast and accurate. Simply search your records to achieve almost instantaneous feedback in case of ingredient recall.

Ingredient scrap and bad batches are eliminated by weighing each ingredient within a set tolerance, resulting in increased consistency and reduced downtime due to bad batches from mis-scaled ingredients. Your batches will now contain the correct amount of each ingredient each time, lowering overall ingredient costs.

Easy to Use Interface

Employees quickly adapt to the FC6200's interface. Simple operation is made possible with pushbuttons using terms familiar to production employees. The display and touch panel design have been fine-tuned as a result of observing formula scaling at major food processors. Training is quick and easy due to the prompts that the user sees through each step of the formula. The color-coded Accu-Track® display on the screen ensures accurate filling with visual feedback. An optional heavy-duty barcode scanner guarantees that lot numbers are recorded accurately.

HACCP & BTA 306 Compliant Reports

Completed Formula Report summarizes data for each formula run on the FC6200 including:

- Batch ID and name
- Batch size as a percentage of total formula weight
- Time and date of formula start and complete
- Actual scaled weight
- Formula target weight
- Ingredient variance from target weight
- Lot ID's for each ingredient
- Batch lot ID

Total by Ingredient Report summarizes the ingredient usage for all formulas including:

- Ingredient name and ID number
- Batch name that the ingredient is used in
- Batch ID and name
- Weight used for each batch and a total weight for all batches

Total by Batch Report summarizes completed batches:

- Batch ID and name
- Total number of times the batch was run
- Total weight of each run

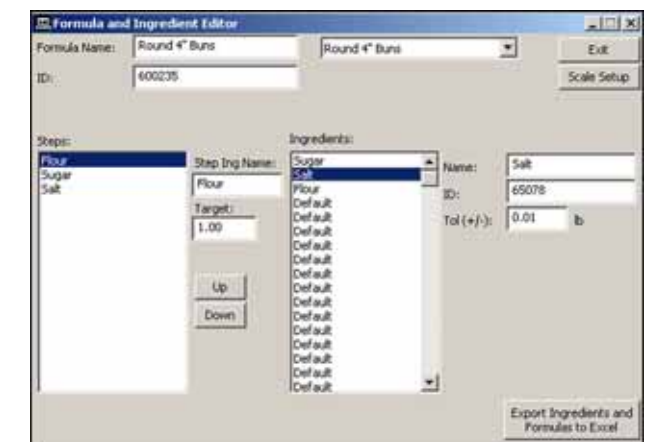*Completed Formula Report for a batch of white bread is shown below.*

Formula Loader Software

Plant management is in control with the included Formula Loader Windows based software. Configuration of even the most complex formulas is an effortless task thanks to the simple interface layout. Enter the ingredients with tolerances and ID, then create the formulas by double clicking the ingredient names. Formula Loader will become a database of your entire library of formulas.

Easily control which formulas are loaded into each Model FC6200 Formula Control Indicator using this custom software program. Then transfer the formulas to each FC6200 via a removeable USB thumbdrive or the optional Ethernet interface.

In one easy step, create two comprehensive Excel® spreadsheets that contain all formulas and ingredients you produce with Formula Loader. The ingredient spreadsheet records the ingredient name, ingredient ID, and the ingredient tolerances. The formula spreadsheet documents the formula name, formula ID, ingredient name, and target weights.

FREE CD - Visit www.doranscales.com/FC6200 to request a CD demonstrating:

- Creating Formulas with Formula Loader
- Creating Reports with Formula Loader
- Scaling Formulas with the FC6200