

# Model FC6300 Formula Control



## FC6300 Features...

- Guaranteed Ingredient Savings
- Consistent Scaling = Consistent Product
- Ensures Employee Accountability

Smart Design... ...Better Weighing

## **Achieve Total Control**

What would it be like to be in total control? Imagine saving at least 1.8% of your yearly ingredient costs. What would that be worth to you?

Picture having an extra supervisor watching over your employees' shoulders monitoring and controlling the formulation process. What effect would that have on your product consistency and production efficiency?

Doran's FC6300 Formula Control System puts you in total control and can pay for itself in just four months or less.

#### **Field-Proven Ingredient Savings**

In today's competitive marketplace, reducing production costs is a sure path to greater profits. Doran's Formula Control has been guiding production plants along that path with ingredient savings of at least 1.8% - even more. Combine lower ingredient costs with the elimination of the money wasted on bad batches and you can understand why successful companies are investing in the FC6300 Formula Control System.

Take a look at the savings one company experienced with the FC6300. This plant realized that improving the performance of their formula scaling could lead to a significant impact on profitability. Additionally, they were averaging one bad batch a week due to errors that were traced back to the scaling process. They turned to Doran Scales to provide the solution to reduce costs from wasted ingredients and bad batches - that solution was the FC6300 Formula Control System.

dono

Batch ID: 2 Private Label

Scale 1 Accepting Weight

4.00

Binding Agent 21

Return on investment due to ingredient cost savings was achieved in just four months and the net one year effect on profit margin was \$27,068.71. It's no wonder that plant managers at this company's other location suddenly became interested in the FC6300 Formula Control System.

> Each step of the formula is displayed on the bright, LCD display. The colorcoded Accu-Track bar ensures ingredients are within tolerance.

"This is the best piece of equipment I have purchased in years! It has made a marked improvement in my bottom line and greatly increased minor ingredient scaling accuracy."

FC630

-Cake Bakery Profit Center Manager

Size: 100% Step: 21

STOP = Stop Formula | LOT ID = Enter Lot Ids | 0 = Skip Ingredient

## **Consistent Batches - Guaranteed!**

Reduction of ingredient costs is easy to see, but the costs associated with bad batches are often overlooked. Like a dripping faucet, those bad batches can drain your plant's profits a little at a time. Production downtime to clean production lines, discard the bad batch, along with cost of wasted ingredients can add up. Our field studies show that bad batches cost a company \$837 per incident. With guaranteed consistent batches, your plant will run more efficiently - adding to your profitably.

By prompting the user through the formula, the correct ingredients are accurately scaled every time. Each ingredient of the formula is weighed within a tolerance that you define. The color-coded Accu-Track display on the bright LCD screen ensures ingredients being added are within those tolerances. Each step of the formula is clearly labeled with batch ID, batch name, the step number, ingredient name, target weight and actual weight. Accurate scaling can be achieved with or without experienced production employees.

### **Ensures Employee Accountability**

Formula Loader is a standard component of the FC6300 Formula Control system. This Windows compatible software is used to configure formulas as well as to provide production reports. Standard Formula Loader reports can be used to evaluate scale operator efficiency and ingredient usage. Using scale operator

ID's, the FC6300 tracks when a user logs in and out of the scale. Management can easily determine how long the scale operators are taking to prepare each formula and how accurately it was done. It's like having the plant manager watching over your employees' shoulders 24/7.

### Fast, Accurate, and Easy Lot Traceability

"After installation, the system paid for itself in two weeks due to elimination of bad batches!"

- Building Products Plant Manager



Formula Loader provides plant-wide control of all of your scales.

Scaled formulas are saved as 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. With a click of a mouse button, all batch data of a specific lot ID can be retrieved.



### Let us Prove it to You!

We are so sure that the FC6300 will pay for itself, we are offering a Risk-Free Trial. Try it for six months and see a positive ROI, if it fails to lower your ingredient costs, simply return it. Call 1-800-262-6844 for more details and reserve your FC6300 today.

Visit www.doranscales.com/FC6300 to request more information and access ROI calculators and videos to see how quickly the FC6300 can pay for itself.

#### **Specifications**

Display: Controls:	LCD - 7" TFT LCD, WVGA 800 x 480 CLEAR, ENTER, START/STOP, LOT ID, RECALL, ZERO, MENU, F1, and Alphanumeric Keypad	Options:	<ul> <li>IP65 Rated Heavy Duty Barcode Scanner</li> <li>Wireless Ethernet</li> <li>30" or 40" Column</li> <li>Weatherproof Ethernet Junction Box</li> </ul>
Power: Communications	115 VAC, 50/60 Hz (230 VAC Optional) Standard: USB Thumbdrive & Wired Ether Optional: Wireless Ethernet	ernet	<ul> <li>Waterproof Wireless PC Keyboard</li> <li>Thermal Label Printer</li> <li>Production Scheduler Module</li> <li>Production Reporter</li> </ul>
Construction: Dimensions:	304 Stainless Steel (16 Gauge) 8" H x 10" W x 3.75" D (Indicator)		<ul> <li>SQL Database Module</li> <li>QC Weigh Software</li> <li>Second Base for Fine Ingredient Scaling</li> </ul>

Warranty: Two Year Parts & Labor

Specifications subject to change without notice.

#### FC6300 Selection Guide

Model	Base Size	Capacity		
No.		lb	kg	
FC63100SP/1818		100 x 0.01	45 x 5g	
FC63150SP/1818	18" x 18"	150 x 0.01	68 x 5g	
FC63250SP/1818	10 × 10	250 x 0.02	113 x 10g	
FC63500SP/1818		500 x 0.05	227 x 20g	
FC63100SP/1824		100 x 0.01	45 x 5g	
FC63150SP/1824	18" x 24"	150 x 0.01	68 x 5g	
FC63250SP/1824		250 x 0.02	113 x 10g	
FC63500SP/1824		500 x 0.05	227 x 20g	
FC63100SP/2424		100 x 0.01	45 x 5g	
FC63150SP/2424	24" x 24"	150 x 0.01	68 x 5g	
FC63250SP/2424	24 X 24	250 x 0.02	113 x 10g	
FC63500SP/2424		500 x 0.05	227 x 20g	

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

#### Second Scale Base Chart

Model	Base Size	Capacity		
No.		lb	kg	
DXL6002-FC		2 x 0.0002	0.9 x 0.1g	
DXL6005-FC	8" x 8"	5 x 0.0005	2.3 x 0.2g	
DXL6010-FC	0 . 0	10 x 0.001	4.5 x 0.5g	
DXL6025-FC		20 x 0.002	9.1 x 1g	
DXL7002-FC		2 x 0.0002	0.9 x 0.1g	
DXL7005-FC	10" x 10"	5 x 0.0005	2.3 x 0.2g	
DXL7010-FC		10 x 0.001	4.5 x 0.5g	
DXL7025-FC		20 x 0.002	9.1 x 1g	

Other base sizes, including floor scales and tank mount kits, are also available - call for quote.





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