

iTest Formula Control

Faster Batching. Improved Quality. Full Traceability.

Key Benefits

- Reduce batching errors through operator-guided weighing
- Improve traceability with ingredient lot tracking
- Run locally or in the cloud — flexible to your IT setup
- Simple user interface in English or Spanish
- Remote support for timely technical assistance
- Tablet option with streamlined features for smaller production environments
- Easily connect to 3rd party barcode scanners and printers

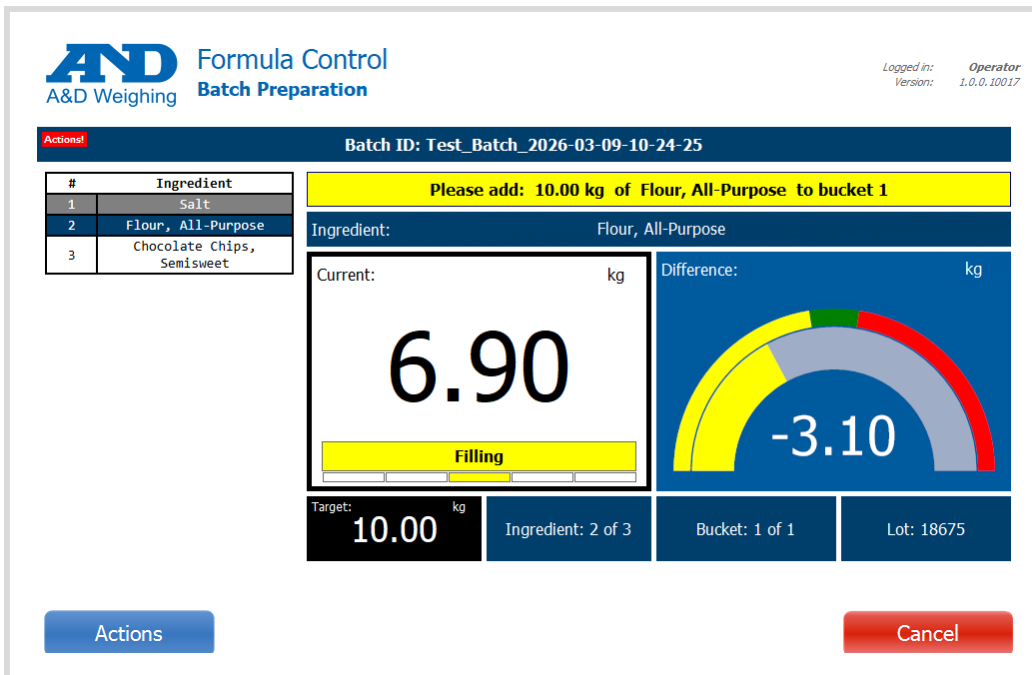
Applications

- Commercial bakeries
- Nutraceutical production
- Cosmetic and skincare manufacturers

Feature Highlight

Ingredient-Level Tolerances and Lot Tracking

- If a quality issue arises, easily trace which specific lots were used in each batch, allowing quick isolation of affected products.
- Ensures compliance with regulatory requirements (e.g., FDA, GMP, FSMA)



The screenshot displays the 'Formula Control Batch Preparation' interface. At the top left is the A&D Weighing logo. The main header shows 'Batch ID: Test_Batch_2026-03-09-10-24-25'. A yellow banner instructs the user: 'Please add: 10.00 kg of Flour, All-Purpose to bucket 1'. Below this, the ingredient 'Flour, All-Purpose' is selected. The current weight is shown as 6.90 kg, and the difference from the target is -3.10 kg, visualized with a semi-circular gauge. A 'Filling' progress bar is also present. At the bottom, a 'Target: 10.00 kg' is displayed, along with 'Ingredient: 2 of 3', 'Bucket: 1 of 1', and 'Lot: 18675'. 'Actions' and 'Cancel' buttons are at the bottom.

#	Ingredient
1	Salt
2	Flour, All-Purpose
3	Chocolate Chips, Semisweet

Technical Specifications

Category	Details
System Type	Formula Control Software
Scale Integration	Compatible with any 4 or 6 wire strain gage base
Connectivity	Standard: Ethernet IP, 4 x USB & 1 x Serial (RS-232/422/485), Optional: Wifi
Deployment	Local installation or cloud-managed
Recipe Management	CSV import
Display	15" Touchscreen, IP66
Display Housing	Powder Coated Aluminum, Optional Stainless Steel

Key Software Features

- Auto-assign recipes to specific workstations to avoid station misuse (e.g. wet recipes vs dry recipes)
- Barcode scanning + lot tracking, including the ability to use multiple lots of single ingredients
- Audit trail and batch history logs
- Custom labels
- Built-in alerts for over/under-weighing
- Prevent discarded batches with instant recalculation of all ingredients when too much of one is added
- Employee ID scanning ensures operator accountability
- Recipes stored locally for full operation even during network outages. Once network connection is restored, batch information and recipe updates will automatically sync with the cloud.

Compliance & Certifications

- Optional CFR 21 Part 11 package
- Internal QA checkpoints
- FSMA

Support & Services

- 2-Year Warranty
- Remote training and setup available
- U.S.-based technical support

Options

- 150 lb x 0.005 lb, 18" x 18" stainless steel or painted steel platform
- 300 lb x 0.01 lb, 24" x 24" stainless steel or painted steel platform
- Barcode Scanner
- Label printer