Upgrade to 4ᵗʰ Generation
SmartBlend™ (SB-4) Technology.

The Conair SmartBlend™ SB-1 was a very innovative control at the time of its release nearly 25 years ago. It was a color touch screen control on a blender, that held 50 recipes! Coming from thumbwheels and recipes hand-written on index cards, this was a huge advancement.

Over the last two decades, the SmartBlend control has drastically improved. The SB-4 control is far superior to its predecessors. The SB-4 is not only much more reliable, it can store 3000 recipes, and 4000 materials, making changing processes quick and simple.

TrueBlend SB-4 Control

Reliable and Intuitive. Simple Upgrade, Big Rewards.

Conair sets the industry standard when it comes to blender controls. A simple inexpensive control upgrade on your existing blender may make it seem like a new blender.

The 7-inch color touchscreen simultaneously displays all material positions and settings. The control comes standard for either 4- or 6-position blenders, but has an option for handling up to 12 positions.

The SB-4 control has 12 available languages for ease of use by operators worldwide.

How long does it take to update your SB-1 to an SB-4? Under two hours, including the phone call to order.

▶ **Simple, more versatile control**
The SB-4 control is intuitive, easy to set up, operate and troubleshoot. All setpoints are displayed simultaneously. You just enter the percentages on the blender touchscreen control and the blender does the rest. The system automatically weighs the recipe ingredients in the proper sequence and maintains the correct blend relationship.

▶ **Store up to 30X the recipes in one control**
Create and assign up to 3,000 easy-to-recall recipes and 4,000 materials with custom alpha-numeric IDs while the SB-1 control can only store 50-100 recipes. SB-4 will report resin usage data to a file on a PC or a USB flash drive. With SQL Reporting Capability the SB-4 control has the ability to collect each blender's batch, resin usage (by name or recipe), and generate consolidated summary reports of this information across all blenders on the system.

▶ **Alarm storage and recall**
Alarms are meaningful, with helpful messages to keep the blending operation running trouble-free. The SB-4 tracks up to 100 events and reports alarm time and error type, and are set according to user-defined parameters.
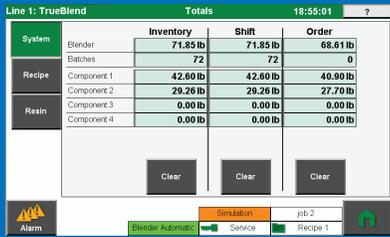
▶ **Self-Loading Capability**
While the SB-1 is limited to controlling loading for a single blender and pump, the SB-4 blender control has the ability to control vacuum loaders on five blenders and up to one pump per blender.

Features

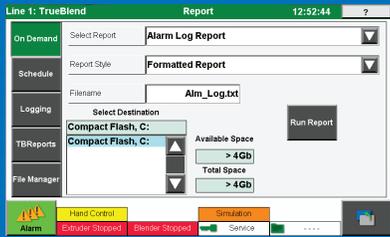## Intuitive, SB-4 touch screen control offers the industry's best multi-component accuracy

This easy-to-use touchscreen control allows for fast setup of blender setpoints and automatically weighs recipe ingredients in the proper sequence to maintain correct blend relationship. Any position can be identified as any of the four material type selections, adding flexibility to your application setup.
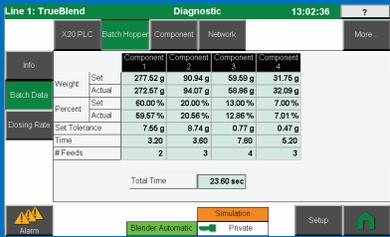
Instantly see your materials usage
Material usage / totals screen tracks the number of batches, weights dispensed by bin and weight dispensed in total since the last reset.

View and make changes to the active recipe
Save and recall up to 3000 recipes and 4000 resin names in the Recipe Book.

Built-in reporting
Every SB-4 Blender control is equipped with the capability to help users track their settings, alarms, material consumption, shift and inventory needs.

On-call diagnostics
Diagnostic screen displays target set point percentage and actual percentage dispensed. Also displays start and finish weights for each material per batch. Verifies true and accurate blend performance.

Specifications

Models	SB-4		
Touchscreen unit dimensions inches {mm}			
A - Height	8.25 {210}		
B - Width	9.25 {235}		
C - Depth	5.00 {127}		
Touchscreen unit approximate weight lb {kg}			
Installed	7.89 {3.58}		

TrueBlend Models	TB45	TB100	TB250 - TB900
Panel dimensions inches {mm}			
D - Height	15 {381}	22 {559}	25 {635}
E - Width	12 {305}	10 {254}	
F - Depth	7 {178}		
Panel approximate weight lb {kg}			
Installed	20 {9.1}	25 {11.3}	40 {18.1}
Voltages			
	115/1/phase/60 hz		
	230/1 phase/50 hz		

Specification Notes

Specifications can change without notice. Contact a Conair representative for the most current information.