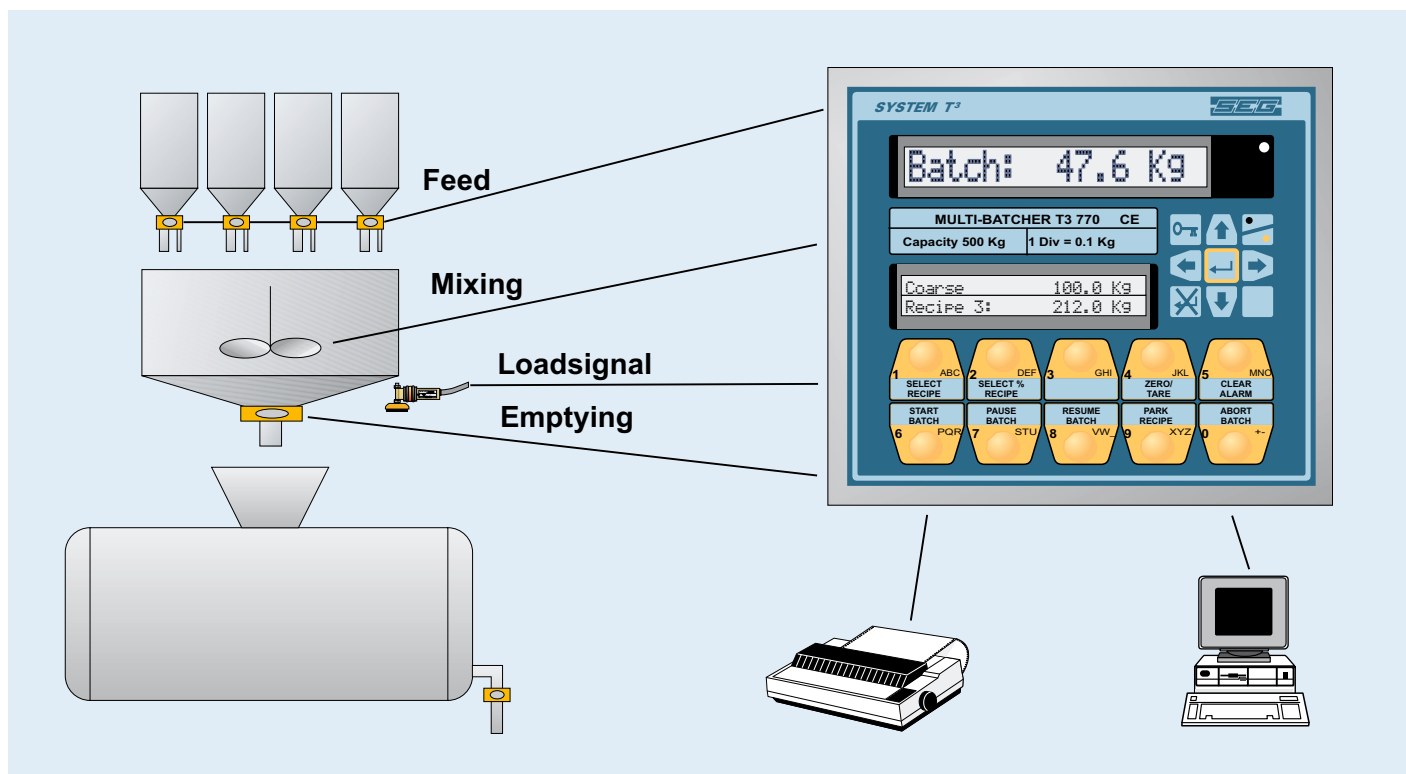




# SYSTEM T3 Model 770

## Advanced Multi Component Batch Weigher



SYSTEM T3 Model 770 typical arrangement of a multi component batch weigher

SEG system T3 770 is a complete weighing controller with integrated functions for: Batching up to 32 Ingredients, Feed, Coarse feed, Fine feed, Mixing and Emptying. Up to 99 recipes can be programmed. A 19 button key pad allows the operator to communicate with the system via a user friendly menu system.

### Benefits

- Semi automatic set-up
- Easy to use labelled Key pad
- Display shows recipe and batch ingredients by name
- Ingredient and Recipe statistics recorded
- Stand alone or Remote operation
- Order batch by Weight, or by % of normal value
- Selectable languages

### Features

- Up to 99 Recipes and 32 Ingredients
- Modular and Industrial Design
- Programmable control logic
- Up to 255 Adaptable inputs and outputs
- Test Certificate according to EN45501:1992 and OIML R76 (1992) 4000 scale divisions
- Full CE approval as weighing instrument according to EN 45501 and EN 55022 Class B (EMC)

### Applications

Stand alone multi component batch weigher with advanced ability to interface with other process control equipment.

**KEY FUNCTIONS**

KEY	FUNCTION
1 SELECT RECIPE	Selects recipe no.and batch weight.
2 SELECT % RECIPE	Selects recipe no. and batch size by % of normal value.
4 ZERO / TARE	Zeros out display (only when system is awaiting a start).
5 CLEAR ALARM	Resets an Alarm indication.
6 START BATCH	Starts a weighing sequence.
7 PAUSE BATCH	Pauses a batch temporary.
8 RESUME BATCH	Resumes a paused batch.
9 PARK RECIPE	Parks a paused batch for later restart.
0 ABORT BATCH	Aborts a batch after a Pause command, and returns the system to the ready to start or emptying cycle.

**DISPLAY READING**

## UPPER DISPLAY

Current Mode and Current Material weight / Current Batch weight, Unit and stability indicator

## LOWER DISPLAY

Row 1.                   Batch Status and relevant Alarm information  
Row 2.                   Operator communication

**OUTPUTS Including**

Material control-   Feed, Coarse Feed or Fine Feed of each material, Material indicator  
Emptying-           By Weight or Time  
Mixing-              2 individual signals (on/off )  
Sample  
Status signals-     Ready to start, Ready to empty, 2 selectable level limit settings and Stop for manually handled ingredient  
Alarms-              Out of material etc.

**INPUTS Including**

Start Recipe  
Start Material  
Start Emptying  
Pause  
Resume  
Abort  
Sample Acknowledge  
Recipe Selection

**OPTIONS**

serial ports RS232, CRS485, 20mA Current Loop  
I/O - I8              8 Inputs                                   24Vac/dc or 115/230Vac  
I/O - U8              8 Outputs                                 Closing contacts maximum 10A 250VAC  
I/O - 4/8             4 Inputs and 8 Outputs               Ratings as above

**ADDITIONAL**

0/4 - 20 mA current output relative gross weight, or for feeder control.

