



**Scaleton™
Sets The Standard
In Corrosion
Resistance**

Model 1020-B™ 5 Digit Batching Controller V5

- Controller is a single channel indicator that can control two circuits for batching
- 4-20mA output standard
- Four step control
- LED indicators highlight current process
- Intuitive 6 button control design
- Indicator displays Net Weight and Gross Weight on 2 line, 16 Character LCD
- High accuracy of $\pm 0.1\%$ to 0.25% of full scale capacity
- Readout in pounds, kilograms, grams, gallons, liters or milliliters
- Indicator can be locally or remote mounted up to 200 feet from base frame
- Tare Weight is pushbutton adjustable
- Pause Key feature for retaining the current process when re-loading new tank
- Abort Key for emergency stop of process
- For use with Scaleton Drum, Tank and Platform Scale frames



Standard Features

- Electronic Controller Housed in NEMA 4X, UL Approved Enclosure
- One Channel, and one 4-20mA Output (Loop powered 18-30VDC)
- Nominal Power Ratings: 120/240 VAC, 50/60Hz, 0.10/0.05A
- 6 Foot Power Cord

Description

The Model 1020-B™ Batching Controller is a new direction to our proven line of high value indicators designed to work seamlessly with Scaleton Platform Scales. The 1020-B™ indicator is designed for a batch-out process where the user would like to dispense pre-determined amounts with accuracy, into a line or another container. The indicator can be configured to display in tenths, ones, or tens units, and the units available are: pounds, kilograms, grams, gallons, liters, or milliliters. The display is a two line, alpha numeric display that provides prompts as well as data values. The 4-20mA value is scalable and can be changed in the field, but is commonly used to reflect the total net weight. The relays that are the heart of the batching control are SPST NO+NC relays which can be used to control other latching relays for power control.

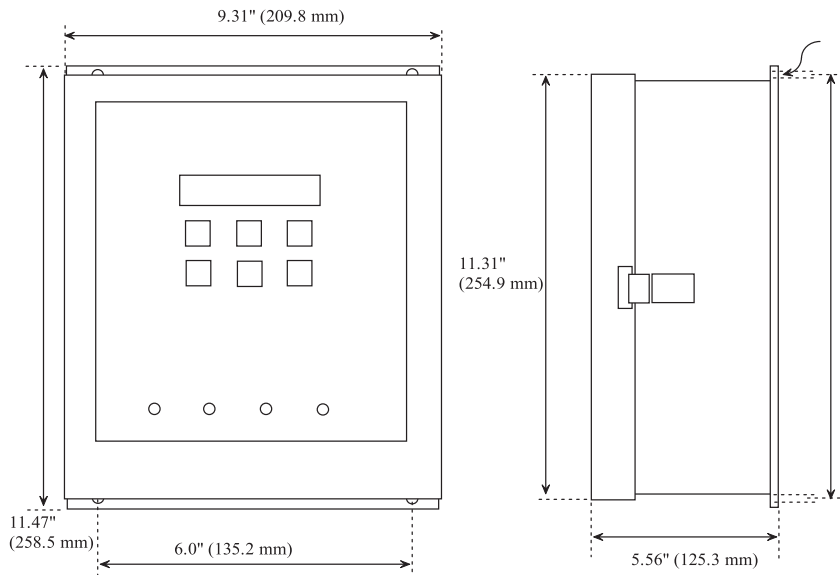
A system for batching may be set up by combining a Scaleton platform scale with the 1020-B™. Accuracy for these systems is 0.1% to 0.25% of full scale capacity. Indicators come pre-programmed and fully calibrated to the base, with the parameters set according to the buyer's specifications. Operators may make some changes in the batching fill menus as well as the 4-20mA setting menu to suit their changing needs. The controller is equipped with a pushbutton method to restore factory calibration without the need for test weights in the field.

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Model 1020-B™ 5 Digit Batching Controller V5 General Specifications

CE 5 year *FULL* warranty
on *ALL* products!

| | |
|-------------------------|---|
| Controller: | 5 Digit Batching Controller Model 1020-B™ Version 5 |
| Power: | Nominal Power Ratings; 120/240 VAC, 50/60 Hz, 0.10/0.05A |
| Keypad: | Six button keypad |
| Resolution: | 0.1 to 9999.9 1 to 99999 10 to 999990 |
| Display: | 2 Line x 16 Character, Alphanumeric, backlit |
| 4-20 mA: | Standard—set to net weight (loop powered 18-30VDC supply required) |
| Set Points: | Two NO+NC SPST relays available as Fast and/or Slow fill controls Inductive load ratings: 2A @ 250VAC OR 2A @ 30VDC Resistive load ratings: 5A @ 250VAC OR 5A @ 30VDC |
| Enclosure: | NEMA 4X, UL Approved Enclosure |
| Shipping Weight: | 10 lbs. |

Options

- Remote mounting with additional cable (distance specified by customer)

Typical Specifications

Model 1020-B™ V5, 5 Digit LCD Controller must be electronic with a backlit, two line, 16 character, alphanumeric digital display, housed in a NEMA 4X, UL approved enclosure. Indicator shall have three methods of dispensing, with one or two relays to provide control for fast and/or slow fill process. Controls shall be provided by a 6 button keypad and will have four LED lights to indicate current process. 4-20mA output shall be standard and reflect the net weight of product in container. Accuracy is 0.1% to 0.25% of full scale capacity. Indicator will be factory calibrated and programmed, and will have factory calibration restore feature that does not require test weights.

Indicator will be the 5 Digit Controller Model 1020-B™ V5 as manufactured by Scaleton Industries Ltd., Plumsteadville, PA.