

223 BATCH CONTROLLER



Technical Specification

DESCRIPTION

The ZM223 Batch Controller is a basic simple batching system designed to utilize the native ZM303 batching applications and provide a means of controlling a variety of device types. The ZM223 Batch Controller contains four x 24VDC operated DIN mounted 240VAC, 8AMPS relays. Each relay is a DPDT relay with a common, normally opened (NO) and normally closed (NC) connections.

The unit is easily configured for:

- Two speed single ingredient filling
- Ingredient filling (up to three ingredients)
- Independent set-points filling
- Fill / discharge operation
- Manual or auto preacts
- Negative filling operation

Features include:

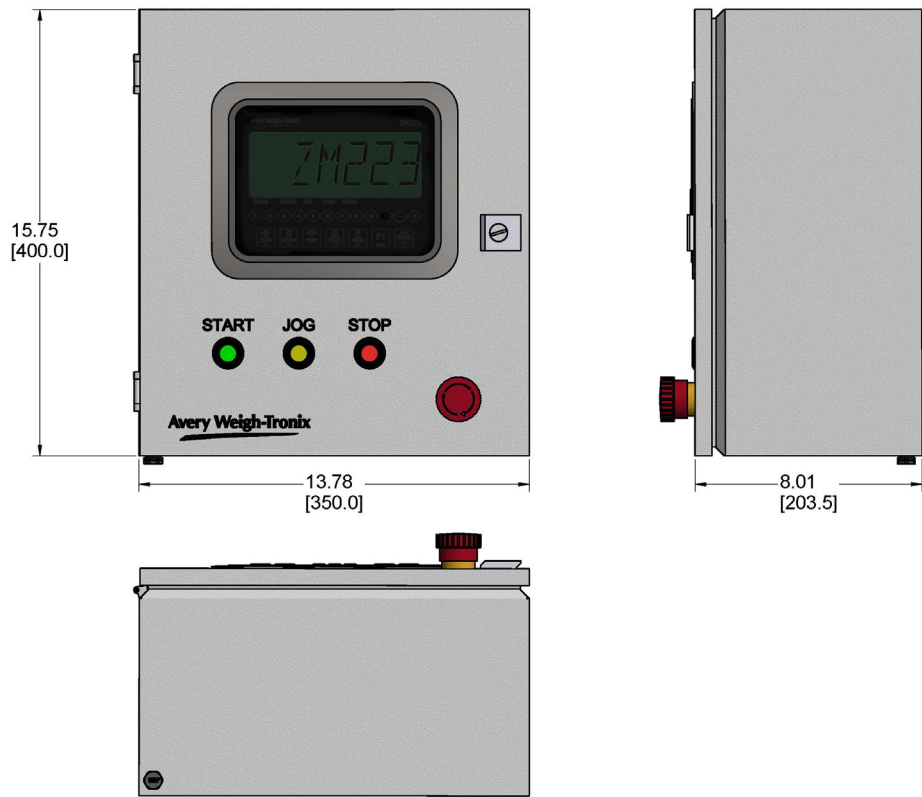
- Emergency stop, large mushroom switch provides quick operator access
- Auto-Tare on start up to allow net weight filling
- Momentary jog to allow operator to top off manually in the event of an under fill or a desired increase
- RS232 (2), USB Host, and Ethernet ports for connection to a printer, computer or other peripheral
- Embedded Web Server supporting access to change target weights and monitor batch status
- Avery Weigh-Tronix Remote Assist™ Mobile App access to change target weights and monitor batch status
- Lua programmable to accommodative almost any application needs, standard batching application included with source code
- All standard features of the ZM223 included



SPECIFICATIONS

GENERAL

Material	ZM223: Stainless steel panel mount Enclosure: Carbon steel, all-round foamed-in PU seal
Enclosure Surface Finish	Dipcoat primed, powder-coated textured light gray on the outside
Protection Category	IP 66; NEMA 4
Enclosure	Left hinge housing with door / (1) slotted insert quarter turn latch and mounting plate
Enclosure Dimensions (H x W x D)	16" x 14" x 7.9" (400 mm x 350 mm x 200 mm)
Material Thickness 16" x 14"	Housing: 0.06" (1.5 mm) Door: 0.06" (1.5 mm) Mounting Plate: 0.06" (1.5 mm)
Display	Sunlight readable transfective HTN display, seven fourteen-segment, 1.5" (38 mm) high alphanumeric characters, illuminated with color changing backlight (Green, Red, Orange and Yellow)
Excitation	5 VDC, short circuit protected Supports up to eight 350 ohm weight sensors
Power Supply	110 - 240VAC - 24 VDC at 1.9A (16" x 14")
Shipping Weight	31 lb / 14 kg
Shipping Dimensions (L x W x H)	18.5" x 22.5" x 15" (469 mm x 571 mm x 381 mm)



Avery Weigh-Tronix

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