

YSC-3 BATCH CONTROLLER



Designed with the end user in mind, this device allows the operator to control a fixed amount of total flow for batching purposes. When combined with a solenoid valve, either directly mounted on the pump or remotely installed, one now has a smart pump capable of batching. The pump no longer has an internal air valve and instead is operated by the controller and the solenoid valve.

The controller offers 3 separate batch cycles, simply programmed by the customer with the 8-button keypad. Pump operation can be done with the batch controller keypad itself or the unit also offers the flexibility of remotely mounting controls by using the integral switch terminal already in the unit. So, if necessary, the operation of the pump system can be remote from the pump and controller itself.

The controller requires 110-volt AC to operate, and it sends a 12-volt DC signal to operate the partnered solenoid valve. The controller will accurately operate the pump to any number of pre-set cycles to be determined by the needs of the operator. The unit also has the flexibility of just “run” mode, allowing the user to bypass the batching function with manual operation.

Pump Controller Benefits

- Simple to Operate – no complicated programming required
- Self-Contained – no external sensor input required
- NEMA 4 plastic enclosure – excellent in wet, harsh environments
- Batch Control – capable of controlling cycle rate
- Shut Off Capabilities – shuts off at a predetermined amount
- Display – cycles per minute, total cycles, or flow rate (English or metric units)
- Powers Up – stays in CONTINUOUS mode at start up
- Standard 12-volt DC Single Solenoid

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Fig 1: YSC-3B and DP-15 series polypropylene pump.

IMPORTANT

Electronic controller is compatible with all pump sizes.

Must use the correct pump solenoid for the pump to operate properly.

Visit our [Solenoid Controlled](#) web page for more information.

Pump sold separately.

Dimensions	6-3/4" H x 4-3/4" W x 2-1/4" D
Enclosure Construction	NEMA 4 w/sealing gland for cable and boot for switch
Weight	1-1/2 lbs.
Power Consumption	12 Watts
Voltage Requirements	120 VAC*
Voltage Output (to Solenoid)	12 VDC 750 ma Maximum
Pump Solenoid	Must operate @ 12 volts DC
Operating Temperature Range	40°F to 100°F
Speed Range	0.1 to 3600 seconds/stroke
Number of Batches	3 totally separate settings plus a "constant run" preset
<p><i>Used with DP-10, DP-15, NDP-20~80 series pumps (sold separately). Do not hose down the unit when cleaning. *Other voltage available, consult the factory.</i></p>	

The **Proof's** in the Pump.

Toll Free: 800-990-7867
www.yamadapump.com

Label:

