

Alarms



- An alarm condition will shutdown equipment.
- See ProMix Easy Repair manual for troubleshooting and repair.

* Indicates error where audible alarm sounds once briefly.

** Indicates error where audible alarm sound pulses.

Code	Alarm	Active	Problem	Cause
<i>Startup Errors</i>				
01	Sensor Error A*	Always	No signal from pump A sensor	Loose cable, failed sensor or cable, failed magnet assembly
02	Sensor Error B*	Always	No signal from pump B sensor	Loose cable, failed sensor or cable, failed magnet assembly
03	Communication Error*	Always	Loss of communication between main and display boards	Loose cable, failed board
<i>Operating Errors</i>				
04	not used			
05	not used			
06	Pump Error A**	Spray Test Batch	Pump does not stall after top change over	Intake valve leak
07	Pump Error B**		Pump cavitating excessively	Air in lines caused by loose fitting or use of agitator Empty fluid supply
08	Sensor Code Error	Always	Sensor values reverted to default	Sensor value data corrupt; board needs replacement and /or recalibration
09	Metering Error A**	Spray	A dose too great	Dispense valve A leak Empty B fluid supply Clogged flow meter
10	Metering Error B**	Spray	B dose too great	Dispense valve B leak Empty A fluid supply Clogged flow meter
11	Sensor Reading Low A*	Spray Test Batch	Pump stroke travels beyond sensor range at top change over	Sensor or bracket loose
12	Sensor Reading Low B*			Sensor magnet dirty
13	Sensor Reading High A*	Spray Test Batch	Pump stroke travels beyond sensor range at bottom change over	Sensor or bracket loose
14	Sensor Reading High B*			Sensor magnet dirty
21	Pot Life Error	Spray first, then Always	Pot life timer timed out	Not enough material sprayed after last reset

Code	Alarm	Active	Problem	Cause
	<i>Operating Errors (continued)</i>			
22	High Ratio (units with meter[s] only)	Spray	Mix ratio higher than Target + Tolerance	Flow rate too high
23	Low Ratio (units with meter[s] only)	Spray	Mix ratio lower than Target - Tolerance	Slow actuation of dispense valve A or B Clogged flow meter
24	Dose Timeout A (units with meter[s] only)	Spray	Air flow switch indicates more than 40 sec of air flow without dose completing	Air flow switch stuck open.
25	Dose Timeout B (units with meter[s] only)			Atomizing air leak downstream of air flow switch. Clogged flow meter. Gun triggered without fluid (dusting parts)
26	Park Timeout (pump-based units only)	Park	Pumps not at bottom of stroke	Sampling valves closed, or gun not triggered.
	<i>Testing Error</i>			
15	Piston packing/ball A*	Test	Pump does not completely stall in up stroke	Piston packing or ball check failure
16	Piston packing/ball B*			
17	Inlet Ball A*	Test	Pump does not completely stall in downstroke	Intake valve ball check failure
18	Inlet Ball B*			
19	Dispense Valve A*	Test	Pump does not completely stall in both up and down strokes	Throat packing or dispense valve failure
20	Dispense Valve B*			
27	Pump Calibration Timeout A	Run A	Pump doesn't run through calibration.	Sampling valves closed.
28	Pump Calibration Timeout B	Run B		