

MS3 Common troubles and solutions

Troubles	Diagnoses	Troubleshooting
Motor doesn't work	1. Power supply does not engage.	Check if the Mains Switch is with charge, the plug is plugged well.
	2. The fuse is broken.	Replace fuse.
	3. The wire to the motor is not connected.	Open the top cover plate, reconnect the wire.
	4. The motor is broken	Replace motor.
	5. The belt is loose.	Fasten the belt.
Uneven flow of colorant from the nozzle during dispensing.	1. Air bubbles in the cylinder	See "Preparation Before Operation ". Allow the bubbles to escape
	2. Colorant in canister is low.	Top off colorant.
	3. Dried deposits of colorant causing blocks.	Clean canister assembly and relevant parts.
Canister is loose on turntable.	Loose fastening screws.	Tighten fastening screws.
Colorant doesn't dispense easily.	Nozzle blocked.	Clean nozzle.
Piston doesn't move easily.	Colorant has dried and hardened in the canister.	Canister and pump should be removed, emptied and cleaned thoroughly. Replenish with new colorant.
Agitator doesn't move during mixing.	The crank shaft under the canister is not attached to the plastic sleeve of the rotating panel.	Reinstall the canister.
Colorant leakage at the nozzle.	Worn out O-ring.	Replace O-ring.

LCD has no display	Power supply is not working.	Check if the Mains Switch is with charge, the plug is plugged well and the mains switch is "ON" position.
	The fuse or the power supply cord is broken.	Replace the fuse or power cord.
LCD displays "Clamping System Trouble"	1. The DC motor wire is broken.	Replace DC motor wire.
	2. Circuit Board is malfunctioning.	Replace the Circuit Board.
DC motor runs for several seconds, then stops running suddenly, "Clamping System Trouble" displays on LCD.	1. The connection of magnetic switch is broken.	Replace it.
	2. The magnetic switch is damaged.	Replace it.
Large cans cannot be shaken.	The belt is loose.	Tighten it moderately.
LCD displays "Emergency Stop Pressed"	1. "Emergency Stop" is not released.	Release it
	2. "Emergency Stop" is damaged or its connection is broken.	Replace "Emergency Stop" or re-connect the connection
LCD displays "Door Open"	Door is not closed.	Close the door.
Once AC motor starts up, LCD will display "Initializing"	The wire capacity of the AC motor is not enough.	Replace the larger gauge wire or equip with a voltage-stabilizer
Does not shake after clamping.	1. The capacitor of AC motor is broken	Replace the capacitor of AC motor.
	2. AC motor is broken.	Replace AC motor.
During shaking, the shaker's noise and	1. The shaker is not leveled.	Adjust the feet to level.
	2. The paint can is deformed.	Replace with a normal paint can.

vibrations increase.	3. Overloaded	Decrease load.
After the paint can is clamped, the LCD still displays “shaking” and the second counter is counting down normally; AC motor utters abnormal noises and doesn’t shake.	Start-up capacitor is broken.	Flip the switch in the capacitor box mounted in the front end of AC motor to the other position.
The Motor is overheated	AC Motor overload with too much or too little voltage for an extended period of time.	1. Disconnect power supply to let the motor cool down. Restart the shaker in 1 (one) hour.
		2. Equip with a voltage stabilizer and decrease the load
		3. If the heat-protection switch is frequently activated, check the electrical circuit.