



5990 Multi Shaker Troubleshooting Guide

PROBLEM	POSSIBLE CAUSE(S)	REMEDY
Shaker will not operate.	Shaker is not connected to power source.	Connect to power source.
	Shaker power switch is not turned on, or circuit breaker is tripped.	Turn shaker power switch on.
	Building circuit breaker or blown fuse.	Reset breaker or replace fuse.
	Shaker emergency stop switch activated.	Turn emergency stop switch ¼ turn clockwise to disengage.
	Shaker door is not making contact with limit switch.	Close door or readjust switch to make contact when door is closed.
	Control module fuse blown.	Replace fuse with 6 Amp time-delay fuse. (Located behind control panel)
Shaker does not shut off when door is opened.	Faulty door limit switch.	Replace door limit switch (Please see Page 16 Owner's Manual), or contact a RED DEVIL EQUIPMENT customer service representative.
Shaker does not shut off at the end of the mixing cycle.	Faulty control module.	Replace control module (Please see Page 16 of Owner's Manual), or contact a RED DEVIL EQUIPMENT customer service representative.
Shaker clamp binds when raising and/or lowering.	Shaker lead screws are dirty and/or dry.	Clean any debris and paint from lead screws and lubricate (Please see Page 11 of Owner's Manual), or contact a RED DEVIL EQUIPMENT customer service representative.
Shaker starts slowly or runs slowly for the first few seconds of the mixing cycle.	Shaker motor drive belt is loose or off.	Tighten motor drive belt (Please see Page 15 of Owner's Manual), or contact a RED DEVIL EQUIPMENT customer service representative.
Shaker motor "hums", but shaker will not run properly or at all.	Shaker motor drive belt is loose or off.	Tighten motor drive belt (Please see Page 15 of Owner's Manual), or contact a RED DEVIL EQUIPMENT customer service representative.
	Shaker motor is faulty.	Replace motor (Please see Page 15 of Owner's Manual), or contact a RED DEVIL EQUIPMENT customer service representative.
Excessive vibration.	Shaker is not level.	Properly level shaker (Please see Page 6 of Owner's Manual), or contact a RED DEVIL EQUIPMENT customer service representative.
Shaker motor fails to run or skips mixing cycle.	Low voltage.	Plug shaker into a dedicated circuit, or one with sufficient voltage.
Shaker clamp is stuck in clamp mode.	Containers are loaded improperly.	Push raise clamp button repeatedly until clamp breaks free.