

Troubleshooting Manual

Shaker Accessory Platform

TABLE OF CONTENTS:

Section 1. - Troubleshooting

1.1 Unit Disabled

1.2 Motor Not Operational

1.3 Sporadic Motion

Section 2. - Replacement Parts

Section 1 - Troubleshooting

1.1 Unit Disabled

If the shaker does not respond to the on/off switch and there is no display, check if the breaker has been tripped or the unit is unplugged.

1.2 Motor Not Operational

If motor is not operating, check if there are any obstructions of the sample tray or the sample tray arm plate. If motor runs but there is no movement, check if the belt is slipping, broken or has slipped off the pulleys.

1.3 Sporadic Motion

If the movement of the sample tray is not smooth, check if the belt is slipping or over tightened. If the belt slips then loosen the two nuts located inside the base, then slide the motor and housing until the belt is snug (avoid over tightening) then tighten the nuts.

Section 2 - Replacement Parts

Description	• Part #
Printed Circuit Board 120v	500-118
Printed Circuit Board 240v	500-119
Motor 120v	215-172
Motor 240v	215-173
Capacitor, Motor Run, 240VAC, 2 μ f, for 120v units	205-066
Capacitor, Motor Run, 400VAC, 0.5 μ f, for 240v units	205-067
Sample tray 20 liter	540-184
Sample tray 28 liter	540-185
Belt	400-343
Linecord 120v, with plug for USA/Canada	225-039
Linecord 240v, with plug for Europe	225-112
Linecord 240v, with plug for Australia	225-115
Linecord 240v, with plug for Great Britain (UK)	225-116
Gear Box 120v	215-174
Gear Box 240v	215-178