



Amalgamator D-650

OPERATING AND SERVICE MANUAL



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1. Introduction

Thank you for purchasing the D-650 amalgam mixer. This unit uses a microprocessor to control its functions. Please read this manual carefully before you begin to use the mixer.

2. Usage

This mixer is used to mix silver with mercury in amalgam capsule, and mixes alloy into its best state for its use in the dental industry. It is used instead of the former manual method, not only is it easy to use but it also decreases the mercury pollution in dental office. So the health of human body gets insurance.

3. Technical data

- 3.1 Electric safety: Grade 1, Type B
- 3.2 Power supply: AC 220 ± 22V, 50 Hz/60Hz
- 3.3 power consumption: 200VA
- 3.4 Oscillation freq.: 4250/Min.
- 3.5 Fuse: 2A, Φ5×20mm
- 3.6 Operating circumstance
 - 3.6.1 Working temperature: 5 °C ~40 °C
 - 3.6.2 RH: ≤80%
- 3.7 Storage circumstance
 - 3.7.1 Temperature: -40 °C~ +55 °C
 - 3.7.2 RH: ≤80%

4. Operating method

- 4.1 Choose fine capsules of silver with mercury.
- 4.2 Press the cap on the top of capsule into the capsule, let the inner silver powder and mercury contact closely.
- 4.3 Open the transparent protect cover, fix the capsule on the holder of mixer, then close the cover.
- 4.4 Time preset
Press the "▲" key to set time longer, press the "▼" key to set time shorter.
- 4.5 Press the "START" key, the mixer begin to run, and stop to run at the time that you presented. If you want to stop a running mixer, press the "START" key once again.
- 4.6 When the mixer stop to run, then you can open the cover take off the mixed capsule that can be used.

5. Notice

- 5.1 Use protect ground seat and three wires plug.
- 5.2 Before press "START" key to order the mixer swinging, the protect cover should be closed.

6. Maintenance

lubricate the rotating parts periodically.

WARNING: Make sure that when you open a box of new mixer, take off two stickup screws which are used for transport to fix the mixer.

7. Troubleshooting

No.	Symptom	Solve method
1.	The LCD has no numeric display	Check 2A fuse
2.	The capsule holder swings powerlessly	Check the driving rubber band

8. Guarantee

If the unit cannot work normally due to the product quality, it will be repaired or replaced free of charge by TPC. This unit comes with a 1 year warranty which starts from date when this unit was purchased from TPC or a dealer. Warranty does not cover fuses or negligence by the end user.

TPC DOES NOT COVER FREIGHT FOR ANY WARRANTY ISSUE.