

INSTRUCTIONS FOR USE

SPEEDSTIR AMALGAMATOR

SETTING UP

Before removing the SpeedStir from its carton, check the carton for external damage. If the external damage is severe, contact your dealer.

Place the SpeedStir on a secure countertop, with enough clearance to open the cover. The unit should be placed so that the On / Off Power Switch, located on the back of the unit, is accessible.

The SpeedStir is a 110-volt model which operates at 4/2.8 amps at 50/60 Hertz with a maximum Watts of 155.

Before plugging the unit into an outlet, make certain that the voltage specified on the SpeedStir label (on the back of the unit) matches the supply voltage. If not, do not operate this unit; contact your dealer.

The SpeedStir's recommended operating temperature range is 70° F to 85° F.

OPERATION

After plugging in the unit, depress the lower part of the On / Off Power Switch (On / Off) (located on the back of the unit) to the "On" position.

Lift the cover of the SpeedStir, and slide the capsule into the arms. The capsule will snap into place. Close the cover of the SpeedStir.

Set the SpeedStir trituration time according to the instructions of the manufacturer of the amalgam.

SpeedStir automatically sets to 8 Seconds.

The trituration time can be adjusted in either of two ways:

1. The pre-programmed trituration time options of 6 Seconds and 10 Seconds are located on the Touch Pad Selector. Pressing either selection will set the SpeedStir to that time.
2. Pressing either the Up or Down Arrows will adjust the trituration time in one second intervals, up to 30 seconds.

NOTE: TO AVOID ACCIDENTAL OPERATION, ALL BUTTONS ON THE TOUCH PAD SELECTOR ARE PROGRAMMED TO OPERATE ONLY WHEN PRESSED AND HELD FOR 1 SECOND.

ACTIVATION

To activate the SpeedStir, press the On / Off Button located on the Touch Pad Selector. The SpeedStir automatically stops upon completion of the cycle, and the digitally displayed trituration time returns to the original setting of the cycle that has just completed.

To de-activate the SpeedStir while it is in cycle, press the On / Off Button located on the Touch Pad Selector.

SpeedStir has a single, constant, high speed setting of 4,400 rpms, which eliminates rpm fluctuation and guarantees accurate mixing.

CHANGING THE FUSE

The fuse is located on the back of the unit. Prior to changing the fuse, turn the On / Off Power Switch located on the back of the unit to the "Off" position. (On / Off)

To change the fuse, push the fuse knob in, while turning counterclockwise, until it releases. Pull the fuse out of the knob, and replace it with a new fuse (4 amp 1.25" bayonet-type). Reinsert the new fuse into the unit by turning the knob clockwise.

CLEANING

All external surfaces may be cleaned by wiping with a soft cloth moistened with disinfectant or isopropyl alcohol.

CAUTION: DO NOT USE PETROLEUM BASED SOLVENTS, IODOPHORS OR PHENOLIC BASED PRODUCTS, IN THAT THEY MAY STAIN THE SURFACE OF THE UNIT.

MIXING TIMES

We cannot provide trituration times for specific alloys; only the alloy's manufacturer can do this. However, the chart below may serve as a general guide in determining proper mixing times.

Encapsulated Alloy	Single Spill	Double Spill	Triple Spill
Capsules without Pestles	8 ± 2 sec.	10 ± 2 sec.	12 ± 2 sec.
Capsules with Pestles	6 ± 2 sec.	8 ± 2 sec.	10 ± 2 sec.
	One Tablet	Two Tablets	Three Tablets
Reusable Alloy Capsules	10 ± 2 sec.	12 ± 2 sec.	14 ± 2

Manufactured By:

Zenith Dental
242 South Dean Street
Englewood, NJ 07631
Phone: 800-662-6383 / Fax: 201-894-0213

Part #14-735