

# HEAT SYNC



∞ BIOCLEAR

INSTRUCTIONS

# HEATSYNC INSTRUCTIONS FOR USE

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## INTENDED USE

The Bioclear HeatSync heater is intended for use in a clinical setting. The primary purpose of the HeatSync heater is to warm composite, flowable, and bulk-fill to 155°F/68°C, although it can also be used to heat other dental materials such as porcelain veneers and onlays. The purpose of heating composite is to improve the properties of composite material before it is used in dental restorations.

\*Caution: Do Not Heat Materials Contained In Glass Compules (such as anaesthetic) as the compules may shatter if heated too much.

## PRECAUTIONS

- Read these instructions carefully before use.
- Do not drop the unit.
- The HeatSync Composite Heater may be hot to touch.
- Caution should be used to avoid touching the metallic surfaces when the unit is on.

## HEATSYNC SETUP

- After unpacking the HeatSync, check that all components and accessories are included: (Item 1) Qty of 1 Composite Warmer Unit (top and base), (Item 2) Qty of 1 Power cord and converter, (Item 3) Qty of 2 Composite Guns.
- Connect power cord into the power converter making sure that it is correctly connected and fully seated
- Plug power cord into the back of the base of the HeatSync.
- Turn system on by switching the ON/OFF switch on the front of the Composite Warmer base to the “On” position. The green POWER ON LED will illuminate when the unit is on.
- The HeatSync requires a minimum 15 minute warm up period prior to inserting loaded composite guns. If the unit is not scheduled to be used within an hour, it is recommended that the unit be turned off.
- The orange HEATING LED will illuminate while it is heating.

## DAILY USAGE:

- Insert compules into the two composite guns.
- Insert the composite guns into the open slots in the front of the HeatSync unit and up to two flowable syringes in the smaller back open slots.
- Up to 6 compules may also be stored into compule oven on top of the unit.
- Heat compules in composite syringe for six minutes prior to completing the restoration.



CAUTION: Metallic surfaces are hot when in use. DO NOT TOUCH

Due to its asymmetrical shape, if the unit is disassembled during cleaning, the "dot" marked on the Hot Pad should be aligned with the mark on the Base Warming Unit (roughly) when reassembled to ensure a correct fit.

# HEATSYNC PRODUCT CARE

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## CLEANING INSTRUCTIONS

Please note that there are several methods and/or products that contain high levels of alcohol that will cause damage to the plastic Composite Guns and will make the warranty null and void if used. Prospray Wipes by Certol or Optim Wipes by Scican have been found to work the best and are recommended for this unit.

For more information about wipes & sprays causing damage:

<https://www.gov.uk/drug-device-alerts/medical-device-alert-detergent-and-disinfectant-wipes-used-on-reusable-medical-devices-with-plastic-surfaces-risk-of-degrading-plastic-surfaces>

## TO CLEAN COMPOSITE GUNS

Lift rear handle to allow removal of black plunger. Remove metal spring from plunger and place all three parts into ultrasonic cleaning unit; cover and clean for 16-20 minutes at 122°F/50°C (if unit contains a heater). Rinse thoroughly under sterile fresh warm water, shake to remove excess water and stand vertically to air dry. Syringe should be dry before sterilization. Bag, wrap in an Autoclavable Wrap, seal, and arrange in Autoclave. You may also thoroughly clean by hand scrubbing with mild detergent and a soft bristle brush. Remove and rinse well under sterile warm water. Shake to remove excess water and stand vertically to air dry.

The syringe should be dry before sterilization. Proceed with sterilization procedure according to the Sterilizer Manufacturer's instructions, normally 20 minutes at 250°F/121°C - 15 psi.

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