



North Coast

Splint-Form 2000™

NC14500



Statement of Intended Use

The Splint Form 2000 is designed to maintain water bath temperatures for heating thermoplastic materials in clinics and hospitals.

Instructions For Initial Use

1. Carefully unpack your Splint-Form 2000. Retain original packaging for any future transportation or servicing.
2. Use a dry cloth or paper towel to wipe away the protective oil coating from the metal surface.

Electrical Installation

The Splint-Form 2000 is equipped with a three-prong electrical plug. It is designed to protect from electrical shock should the internal wiring fail.

The plug must be plugged into a grounded, isolated three-prong socket (15 AMP, 120 volt grounded outlet). Avoid plugging into an extension cord or power strip. **Make certain that incoming voltage is the same as unit is rated for. Do not cut or break off the large third prong on the plug, or the protective system will not work.** (Unit rated 120 Volts, 10.0 AMPs, 60 HZ. International model unit rated 230 Volts, 4.8 AMPs, 50 HZ.)

CAUTION

Do not submerge the product in water. Avoid splashing or pouring water onto Splint-Form 2000 side panels or wiring.



NOTE: Removing the bottom cover from the pan to expose electrical components or any alteration to the external or internal wiring voids the one year warranty.

Temperature Setting

1. The Splint-Form 2000's dial template is deliberately unmarked, to allow the therapist to select and mark the desired temperature setting for particular thermoplastic materials.
2. To determine the proper setting, fill the pan with twelve quarts (11 liters) of water, or until water level measures at least 3" (7.6cm) from pan bottom. Plug in the cord and turn the on/off switch to the "on" position. The pilot light should glow, indicating that the unit is on. Place a waterproof thermometer in the pan and turn the temperature control knob to one o'clock. When the light goes out, the water temperature should be between 140° and 150° F (60 to 66°C). Adjust the control knob from the one o'clock position to achieve the desired heating requirements and mark the dial template for future reference. To turn off the pan, use the on/off rocker switch instead of the temperature control knob.

2. A thirty day warranty is in effect following repairs authorized by North Coast Medical. This warranty is from the date of the return shipment to the customer.
3. All repair work must be performed by a qualified service technician

Warranty and Repairs

1. The Splint-Form 2000 has a one-year warranty from the date of shipment covering the cost of pick up, servicing (parts and labor) and return shipment. Loaner pans are available upon request although the shipping costs will be billed to the customer. North Coast is not responsible for outside repair work or electrical modifications performed by the customer or unauthorized technician.

Care and Cleaning

1. The Splint-Form 2000 is intended to hold twelve quarts of water. Due to water loss during daily use, it is recommended that the pan be refilled once a week. Mineral deposit build-up on the sides and bottom of pan is normal. To minimize deposit build-up, change the water weekly or use distilled water.
2. To clean the pan, use one to two quarts of water and a low-abrasion, bleach-free cleanser. Rub the metal surfaces with a non-metallic, plastic scrub pad. Rinse pan thoroughly with hot water after cleaning and dry with a soft cloth or paper towel. Avoid using steel wool or scouring pads. To remove hard water mineral build-up, fill the pan with one gallon of vinegar and three gallons of water after cleaning. Let the pan soak overnight and rinse thoroughly. The perforated insert also may be soaked if needed.

Splint-Form 2000 Diagnostic Chart and Troubleshooting Guide

Important

When changing the water or cleaning the Splint-Form 2000, do not submerge the pan in water. Avoid splashing or pouring water onto the control panel or wiring.

CAUTION

Unplug unit and allow to cool before cleaning. Have suitable container available before opening drain valve.

Warning Labels



Metal surfaces may be hot to touch.



Liquids in the unit will be hot to touch.

Construction

Stainless steel heat well surrounded by stainless steel outer housing. Features a stainless steel, perforated insert and a stainless steel cover. The bottom of pan may have dark colored areas from the spot welds that connect the heat plate beneath the pan.

Overall Size and Weight

Width	14 $\frac{3}{8}$ "	Shipping Weight	31 lbs.
Length	22 $\frac{5}{8}$ "	Lid size	13 $\frac{1}{2}$ " x 22"
Height	9 $\frac{3}{16}$ "	Weight	25 lbs.
Insert size	11 $\frac{1}{2}$ " x 19 $\frac{1}{2}$ " x 6"		

Electrical

Rated output of 1200 watts, single phase 120 volt, 10 amps. Includes an installed four foot NEMA 5-15 (2 pole, 3 wire) power supply cord. **Requires a 120 volt, 15 amp grounded outlet. Uses two 600 watt tubular heating elements controlled by a thermostatically controlled on/off switch.** Product is Underwriters Laboratories, Inc., listed, and Canadian Standards Association certified. The international unit is CE certified.

Water Capacity

Twelve quarts maximum (3" of water, measured from bottom of pan excluding insert).

Temperature Range

Approximately, 90° to 190° F (32° to 88° C) for both wet and dry operation.

Warm Up Time

90 to 120 minutes.

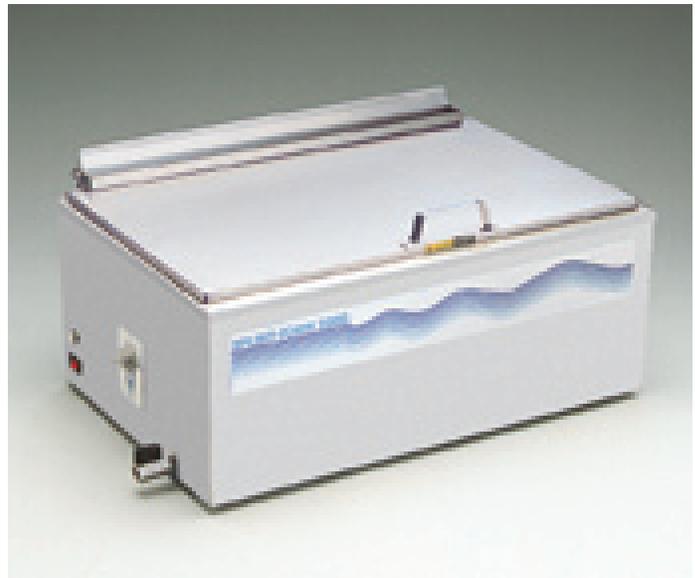
Sheet Capacity

Pan accepts sheet sizes measuring up to 11" x 19" (30 x 48cm).

Replacement Parts

NC15497-11	Heating Element
NC15497-32	Switch
NC15497-39	Control Knob
NC15497-40	Thermostat
NC15497-6	Perforated Insert

Only original manufacturer parts may be used to repair the Splint-Form 2000.



The stainless steel cover prevents water evaporation.

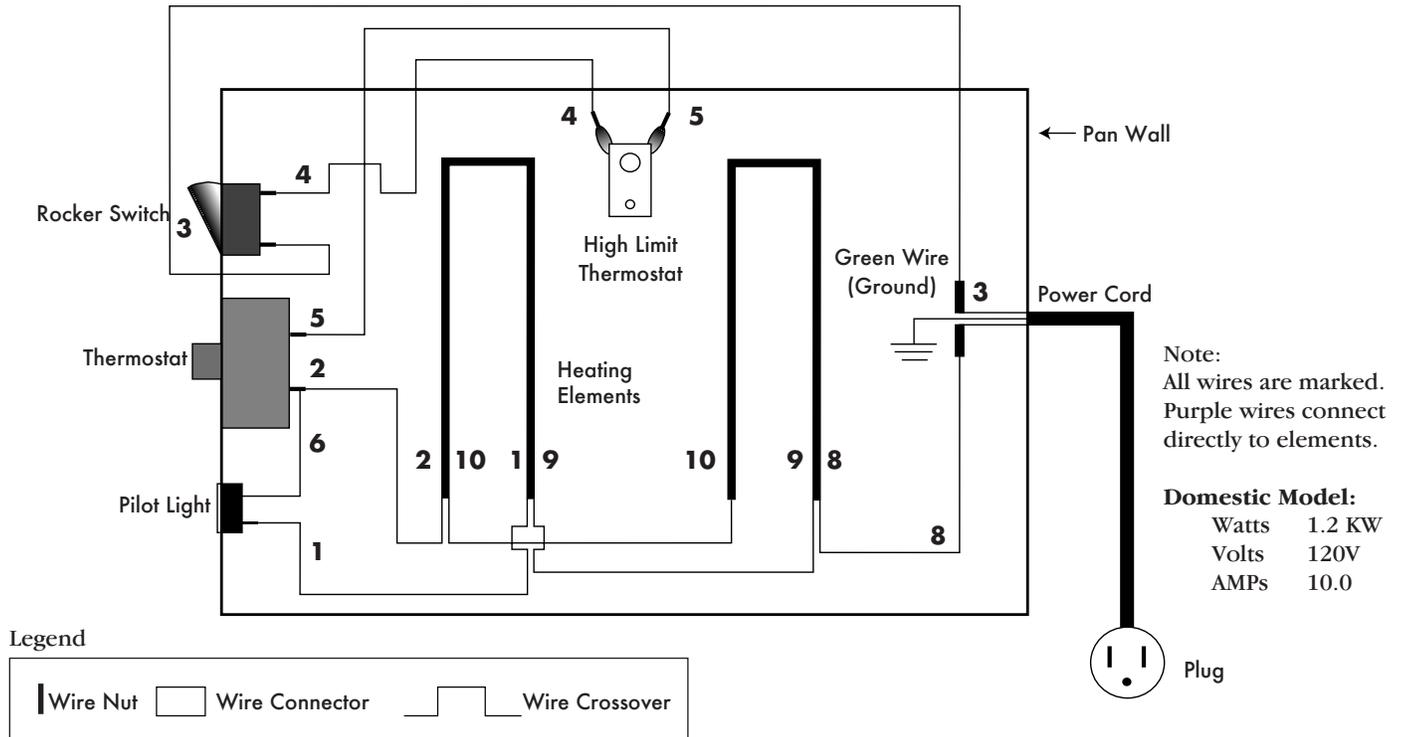
Splint-Form 2000 Diagnostic Chart and Troubleshooting Guide

Important

All electrical repairs to the Splint-Form 2000 **must be performed by a qualified technician**. North Coast Medical is not responsible for outside repair work, or electrical modifications performed by the customer or his/her technician(s). Any alteration to the external or internal wiring voids the one year warranty.

Problem	Solutions
Pan does not turn on.	<ol style="list-style-type: none"> 1.) Is the pan plugged in? 2.) Check breaker for any tripped switches. 3.) Problem may be caused by plugging the pan into an extension cord or power strip. Pan must be plugged into an isolated electrical outlet. 4.) If the pan is properly plugged in, then on/off switch may need replacement or wiring may need to be checked by a qualified technician.
Pan takes twice as long to heat up.	<ol style="list-style-type: none"> 1.) Heating time is 120 minutes. If the pan takes over 120 minutes to heat up, then one of the heating elements is burned out and needs to be replaced by a qualified technician. 2.) Problem may be caused by plugging the pan into an extension cord or power strip. Pan must be plugged into an isolated electrical outlet. 3.) A qualified technician may check wiring.
Can the pan warm up any faster?	No, however, the use of a heavy duty timer (NC70178) is recommended so that the pan can warm up prior to use.
Pan does not heat up.	<ol style="list-style-type: none"> 1.) A qualified technician may replace the high limit thermostat. 2.) A qualified technician may check the wiring.
Pan heats up, but light does not turn on when unit is heating up.	<ol style="list-style-type: none"> 1.) Light only turns on when unit is heating up. If it does not come on when unit is cold and first turned on then the light needs to be replaced by a qualified technician. 2.) A qualified technician may check wiring.
Water in pan boils.	<ol style="list-style-type: none"> 1.) Turn down thermostat. 2.) Test water using external thermometer. If temperature exceeds 220° F, a technician may replace the high limit thermostat. 3.) A qualified technician may check wiring.
Water boils away or water level drops quickly.	Heated water evaporates; using the lid will reduce water loss. Water level must be maintained for proper performance.
"Rust" spots appear on the bottom of the pan.	The spots are a discoloration, not rust, from the spot welds that connect two bottom cover bolts to the pan.
How should a qualified electrical technician check the wiring?	Use an OHM meter; this should be done by a qualified technician. Use the included wiring diagram as reference.

Domestic Model



International Model

