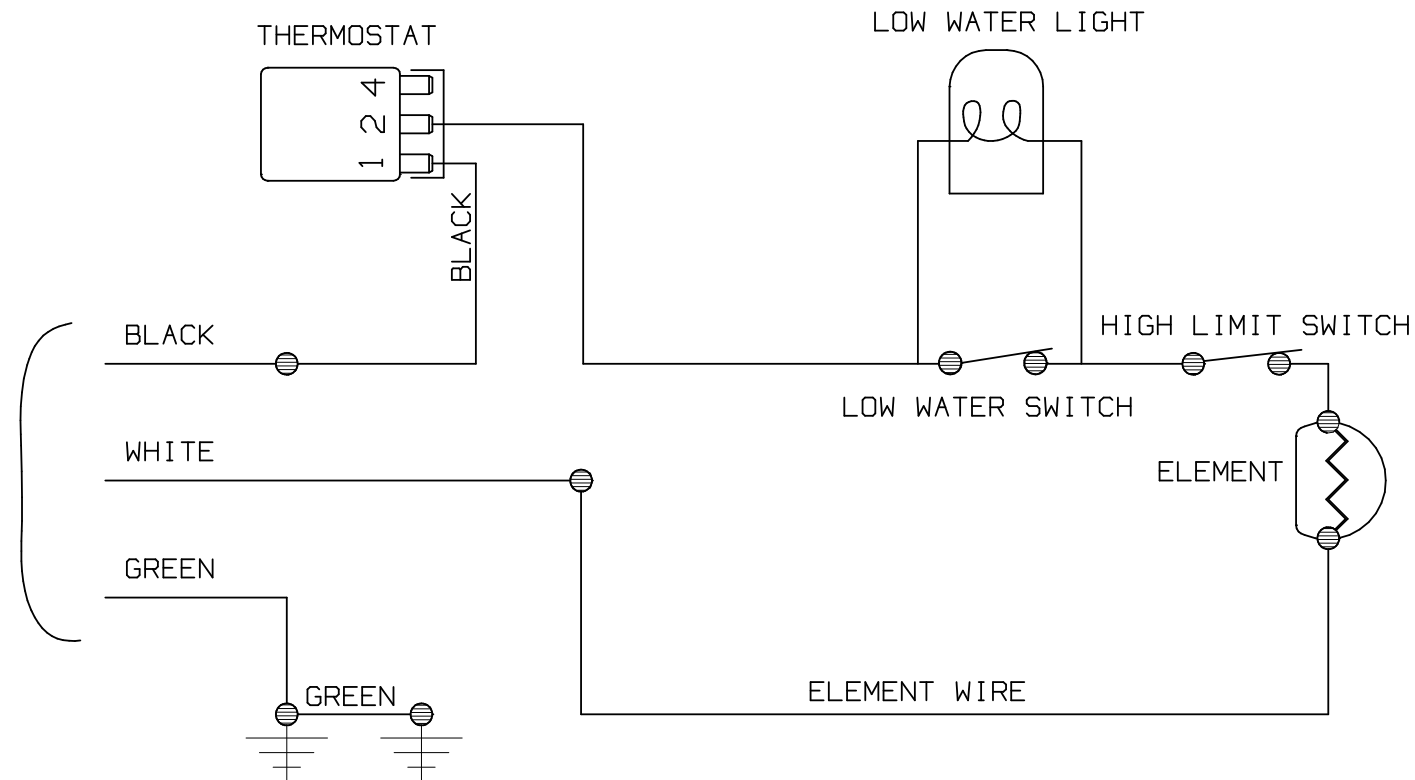


Upside down view of pan with ground plate cover removed

WIRING SCHEMATIC



Statement of Intended Use

The Splint Form 1000 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 1000. 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.
3. Add water (recommend 3" of water from bottom of pan).

Electrical Installation

The Splint-Form 1000 is equipped with a 6 ft. (1.8 m) cord 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 incoming voltage is the same as what the unit is rated for.** Do not cut or break off the large third prong on the plug, or the protective system will not work.

CAUTION

Do not submerge the product in water. Avoid splashing or pouring water onto Splint-Form 1000 side panels or wiring. Splint Form 1000 unit is to be used only with perforated insert pan for thermoplastic heating.



Temperature Setting

1. The Splint-Form 1000's dial template is marked #1-10, 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 until water level measures at least 3" (7.6cm) from pan bottom. Plug in the cord and turn the control dial clockwise from the "off" position. Place a waterproof thermometer (i.e. NC70112) in the pan and turn the control dial to #10. Adjust the control dial from this position to achieve the desired heating requirements and mark the dial template for future reference. Water temperature should be between 140° and 160° F (60° and 71° C). To turn off the pan, turn the dial to the *off* position.

Warranty and Repairs

1. The Splint-Form 1000 has a one-year warranty from the date of shipment covering the cost of pick up, repairs and return shipment of a new replacement unit. North Coast is not responsible for outside repair work or electrical modifications performed by the customer or unauthorized technician. **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.**

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.

Care and Cleaning

1. The Splint-Form 1000 is intended to hold approximately 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. Prior to cleaning, unplug the unit and allow it to cool.
3. 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. Avoid using steel wool or scouring pads. To remove hard water mineral build-up, fill the pan with one gallon of distilled 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 1000 Specifications

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 hard plastic outer housing. Features a stainless steel, perforated insert and a removable clear plastic cover.

Overall Size

Width	13½" (34 cm)	Insert size	20" x 12" x 6" (51 x 30 x 15 cm)
Length	21½" (55 cm)	Lid size	12½" x 20½" (32 x 52 cm)
Height	9" (23 cm)	Cord and Plug	6" (15 cm) long

Water Capacity

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

Temperature Range

90 to 170° F (32° to 77° C) for wet operation with approximately 120 minutes warm up time.

If unit is left on and all the water evaporates, the high limit thermostat will shut off the unit when temperatures reach 220° F (104° C). Note: Leaving the unit on continuously for 24 hours is not recommended. The use of a heavy duty timer (sold separately at www.ncmedical.com) to automatically turn pan off and on is recommended.

Sheet Capacity

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

Only original manufacturer parts may be used to repair the Splint-Form 1000.

Splint-Form 1000 Trouble Shooting

Important

All electrical repairs to the Splint-Form 1000 **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"> ❶ Is the pan plugged in? ❷ Check breaker for any tripped switches. ❸ Problem may be caused by plugging the pan into an extension cord or power strip. Pan must be plugged into an isolated electrical outlet. ❹ If the pan is properly plugged in, a qualified technician may need to check if the control dial and wiring need to be replaced.
Pan takes twice as long to heat up.	<ol style="list-style-type: none"> ❶ Heating time is about 120 minutes. If the pan takes over two hours to heat up, then the heating element and/or thermostat may be burned out and will need to be checked by a qualified technician. ❷ Problem may be caused if the pan is plugged into an extension cord or a power strip. Pan must be plugged into an isolated electrical outlet. ❸ A qualified technician check wiring or replace heating element.
Can the pan warm up any faster?	No, however, the use of a heavy duty timer is recommended so that the pan can warm up prior to use. (timer sold separately at www.ncmedical.com)
Pan does not heat up.	<ol style="list-style-type: none"> ❶ A qualified technician may replace the thermostat. ❷ A qualified technician may check the wiring.
Water boils away or water level drops quickly.	<ol style="list-style-type: none"> ❶ Heated water evaporates; using the lid will reduce water loss. Water level must be maintained for proper performance. ❷ Use thermometer to monitor temperature and keep water temperature 140°-170° (60°-77°). ❸ Use heavy duty timer to automatically turn pan off/on to avoid excessive, unnecessary heating. (timer sold separately at www.ncmedical.com)
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 referenced.
Difficulty draining water out of pan prior to cleaning.	Recommend using Jack Rabbit Hand Pump (NC15489) to empty/siphon water out.
Indicator light near dial comes on.	Water level is too low. Add water.
Indicator light near dial does not come on.	Turn the unit on without any water in the well and turn the control knob to "10" or HIGH. Wait 2-3 minutes for the light to come on. Once the indicator light is on, pour water into the well to just cover the element and the light will turn off. The light operates off of the element temperature, when the water is low and the element is not operating efficiently, the light will indicate water is needed.