

## Product Specification Sheet

### **RSH2225THP Continuous RapidSealer™**



**RSH2225THPSS**



**RSH2225THP**

#### **Introduction:**

The RSH2225TH Continuous RapidSealer™ comes equipped with a Dry Ink Printer capable of printing up to 20 characters at one time and can be upgraded to print up to 40 characters at one time. Capable of sealing and printing up to 40 bags per minute (Example: 3.4" x 4"). Perfect for lot codes, expiration dates, company names or any type of message that the customer wants to add to the seal. It generates up to 400 C°, it can heat seal most materials used in flexible packaging.

Capable of tilting its conveyor table up to 45 degrees, this machine was designed to handle with ease any size of bag, while at the same time it supports up to 20 pounds of weight in its conveyor. The RSH2225TH is an industrial grade machine that can increase production and reduce costs at an affordable price.

## Technical Data Sheet for RapidSealer™:

Sealing Speed:	13m/min; 512in/min
Sealing Width:	Min seal width 1/8" – max seal width 5/8"
Printing Capabilities:	Up to 20 Characters at one time (Upgradable to 40 characters)
Ink Type:	Dry Ink Wheel
Temperature Range:	0 to 300 C°; 32-575 F°
Voltage:	110V (Also available on 220V in a wide variety of plugs)
Hertz:	60Hz. for 110v/ 50Hz. for 220V
Power:	500 Watts/ 4.55 Amps
Max. Load on Conveyor Table:	20 lbs. / 9.07 kg.
Machine Size:	44" x 24" x 41"
Weight:	187 lbs. / 85 kg.

## Features:

- All Metal Construction available on either a Stainless Steel or a Powder Coated Finish.
- Solid state Digital Temperature Controller.
- Standard Printing attachment included
- Capable of Printing up to 20 characters at one time.
- Seals a minimum of 40 bags (Test Production: 3.4" x 4" pouches) per minute.
- Fully Adjustable Conveyor Table capable of tilting up to 45 degrees.
- Stainless Steel Industrial grade casters.
- One year Warranty for parts and service.

## Accessories:

-Spare Parts Kit (11CXSPPTKT)

-Letter Kit (11CXLTRKT)

-Bag Counter

-Various Ink colors include: Red, Black, Blue, White, and Yellow (Red and Black are stock items).



Spare parts kit (11CXSPPTKT)



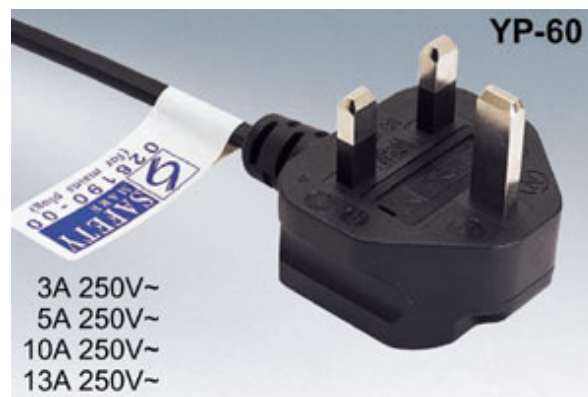
Letter Kit (11CXLTRKT)

## Plug Selection:

In order for us to serve our customers better, we have designed all of our 220 Volt RapidSealers™ to work with all the types of plugs that are used around the world. Here you can see examples of the 3 major plugs available with our machines. We have a large selection of plugs, which can be provided to the customer upon request.



**Category A: North/Central America**



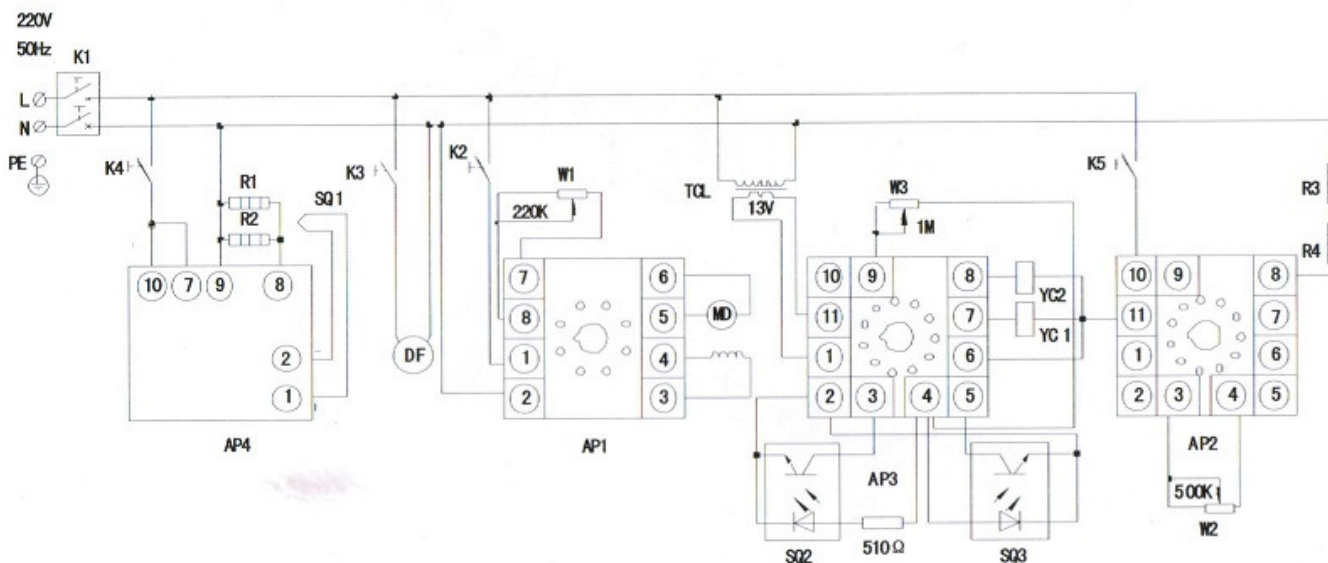
**Category B: United Kingdom and Ireland**



**Category C: Member states of the EU (Europe)**

## Electrical Diagram/Internal Components:

### Electrical Diagram:



**K1**-Power breaker

**K4**-Heat sealing switch

**W2**-Ink temperature adjusting knob

**R3/R4**-Ink roller heating element

**AP1**-Speed adjusting pc board

**AP4**-Temperature Relay

**SQ1**-Thermocouple

**TCL**-Transformer

**K2**-Power switch

**K5**-Printer switch

**W3**-Printing positioning knob

**MD**-Motor

**AP2**-Ink temperature pc board

**YC1**-Electromagnetic Clutch

**SQ2**-Electromagnetic sensor

**K3**-Fan Switch

**W1**-Speed adjusting knob

**R1/R2**-Heating elements

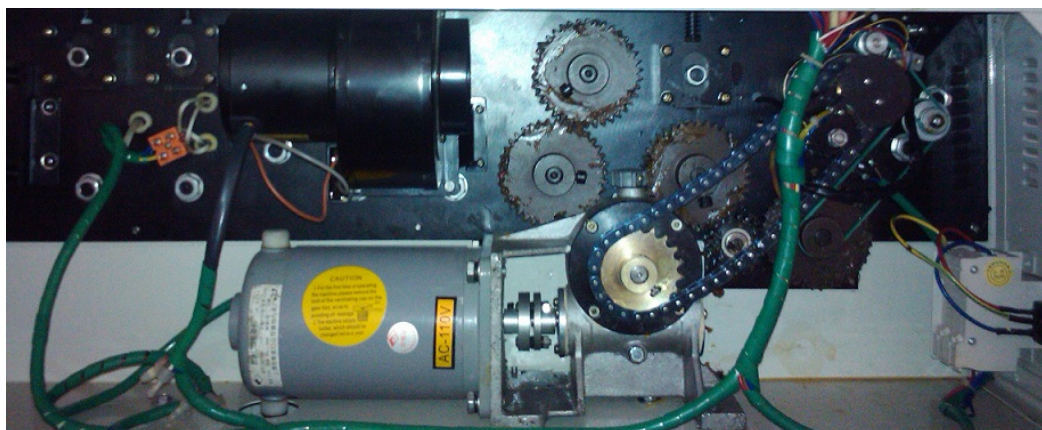
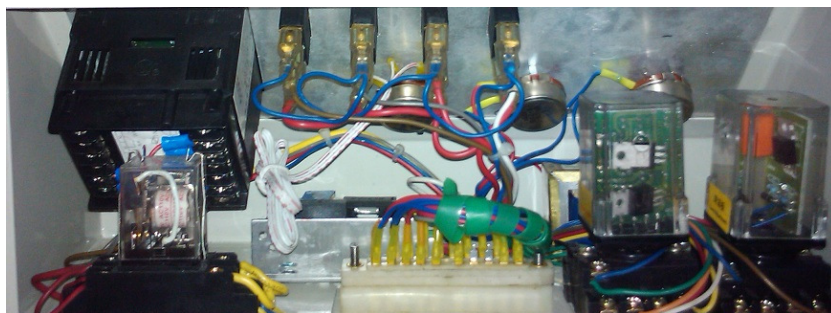
**DF**-Fan

**AP3**-Main control pc board

**YC2**-Electromagnetic stopper

**SQ3**-Photoelectronic sensor

### RSH2225THP Internal Components:



## Major Design Upgrades 2008 to 2010:

As part of our commitment to innovation and change, we have over the years upgraded our RapidSealer™ line to increase long term reliability and performance. Here you can find a detailed list of all the major upgrades done to our RapidSealers™ in the last few years.

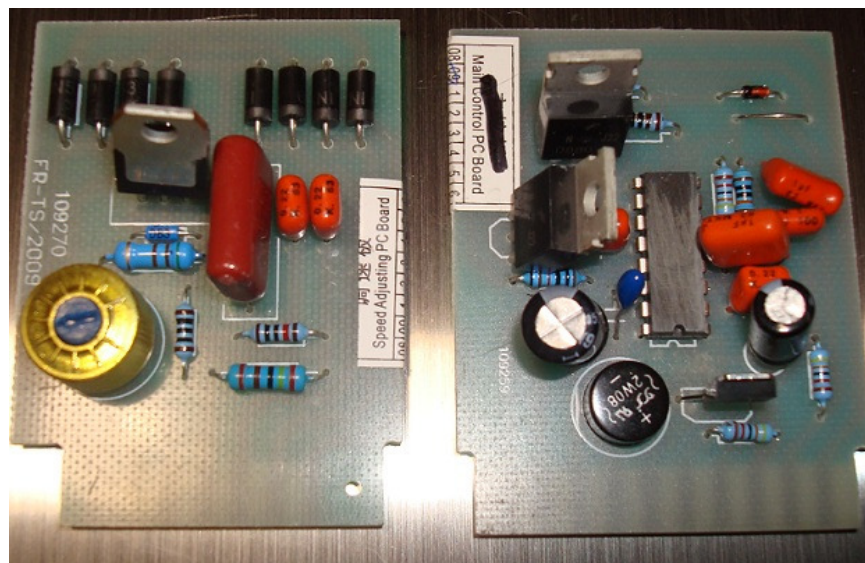
### January 2008:

After years of only using a single 20A fuse as protection against short circuits/electrical overloads, the speed circuit plate and the centre circuit plate are introduced to our RSH2225THP RapidSealer™ model. These new parts are able to not only regulate the speed of the machine and the temperature of the dry ink printer but to act as a second and third fuse, to protect the machine in case of an overload.



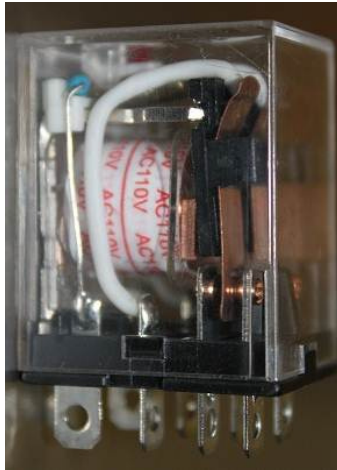
### December 2008:

The speed circuit plate and the centre circuit plate are both replaced by a speed adjusting board, and a main control pc board. These new parts are a more advanced and cost effective alternative that allows both an increase in speed, a wider range of speed options, and a more accurate temperature setting for the dry ink printer. At the same time, the speed adjusting board and the main control pc board also allow for a higher protection against short circuits.



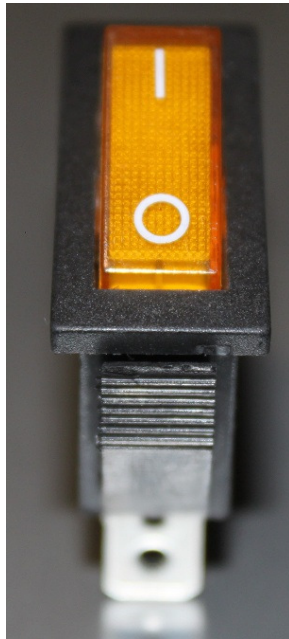
**May 2009:**

The temperature relay is added to our RapidSealer™ product line. This new part allows the machine to have a consistently accurate temperature reading. It also extends the life of the temperature controller.



**September 2009:**

The narrow rocker switch used for more than 4 years is replaced by a more advanced, and longer lasting rocker switch. This new switch is easier to use and dramatically increases long term reliability on all RapidSealer™ models.



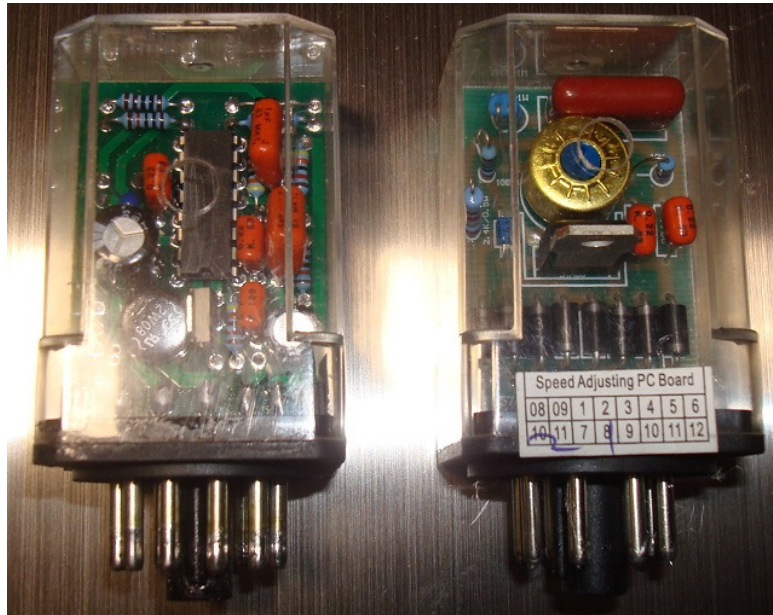
**December 2009:**

A completely new Emergency Switch is added to our RSH2225THP RapidSealer™ model. A new safety measure implemented thanks to our positive customer feedback.



**May 2010:**

A newly redesigned set of speed adjusting PC boards and main control PC boards are added to our RSH2225THP RapidSealer™ model. These new boards eliminate the need for a temperature relay and a fuse. However, it is Impak's decision to add a higher quality 20A fuse as a backup protection.



## Sealing, Embossing and Printing Examples:

All of our RapidSealers™ are capable of achieving a maximum heat temperature of about 400 C° / 752 F°. This feature allows our machines to seal most types of materials being used for flexible packaging. The RSH2225THP RapidSealer™ is also capable of printing up to 20 characters and embossing up to 45 characters at one time into the seal of the bag. Here are some examples of these two features using some 5.0 mil Mylar bags:

Examples of sealing and embossing on different types of Mylar bags.



Close up of sealing and printing on a silver (dull) Mylar bag.



Features, technology and specifications are subject to change without further notice.