

Product Specification Sheet

RS1575PDI Continuous RapidSealer™



RS1575PDI



RS1575PDI w/stand



RSV1575PDI

Introduction:

The *RSH1575PDI* Continuous RapidSealer™ is more than capable of sealing a minimum of 45 bags (test sample; 3.4" x 4") per minute. It comes equipped with a Dry Ink Printer that allows the customer to print up to 20 characters at one time. Perfect for lot codes, expiration dates and company names. The best part of this feature is that the machine will print on the bag at the same time it is sealing the bag. Capable of heat sealing at up to 400 C°, this machine is capable of sealing all materials that are currently used in flexible packaging. The *RSH1575PDI* offers all the needed features for a high production rate at an affordable price.

Technical Data Sheet for RapidSealer™:

Sealing Speed:	16m/min; 630in/min
Sealing Width:	Min seal width 1/8" – max seal width 5/8"
Printing Capabilities:	Up to 20 Characters at one time
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:	50 Hz. for 110V/ 60Hz. for 220V
Power:	500 Watts/4.55 Amps
Max. Load on Conveyor Table:	12 lbs. / 4.5 kg.
Machine Size:	32" X 15.75" X 11"
Weight:	99 lbs. / 45 kg. (With Packaging Included)

Features:

- All Metal Construction with a Stainless Steel Finish.
- Solid State digital Temperature Controller.
- Standard Printing Attachment included.
- Capable of printing up to 20 characters at one time.
- Capable of Embossing up to 18 characters at one time.
- Seals a minimum of 45 (Test production: 3.4" x 4" pouches) bags per minute.
- Available in Vertical or Horizontal Settings.
- One year warranty included.

Accessories:

-Spare Parts Kit (81XSPPTKT)

-Separate stand

-Conversion Kit 81XCVRSKT)

-Letter Kit (81XLTRKT)

-Bag Counter

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



Spare parts kit (81XSPPTKT)



Letter Kit (81XLTRKT)



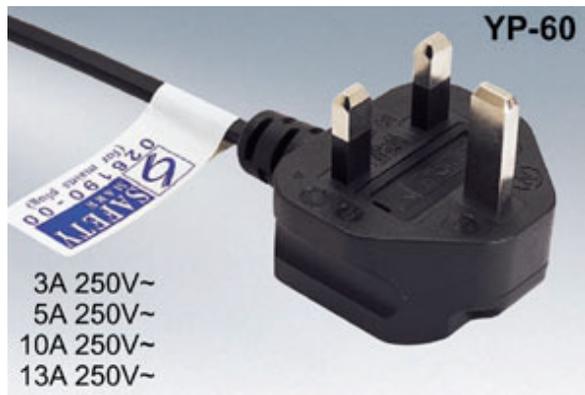
Conversion Kit (81XCVRSKT)

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



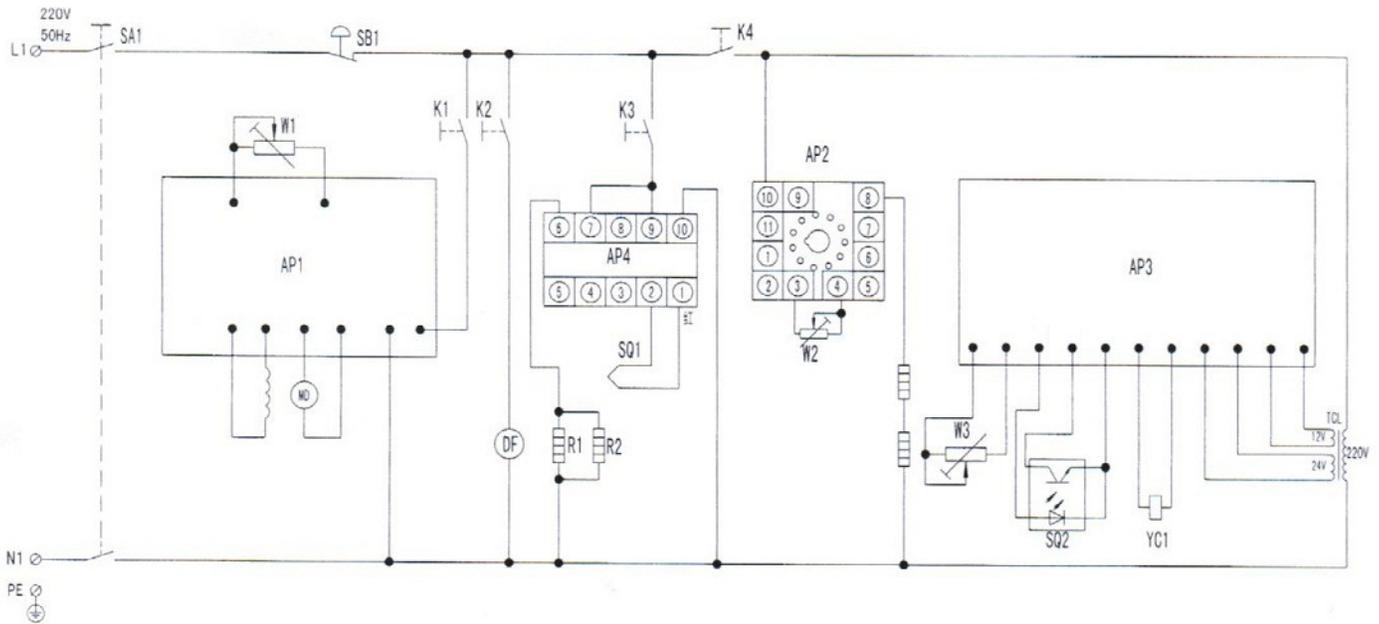
Category B: United Kingdom and Ireland



Category C: Member states of the EU (Europe)

Electrical Diagram/Internal Components:

Electrical Diagram:



SA1- Power Breaker

K2-Fan Switch

W1-Speed Adjusting Knob

R1/R2-Heating Elements

DF-Fan

AP3-Main Control PC Board

SQ1-Thermocouple

SB1-Emergency Button

K3-Heat Seal Switch

W2-Ink Temperature Adj. Knob

R3/R4-Ink Roller Heating Element

AP1-Speed Adjusting PC Board

AP4-Temperature Controller

SQ2-Transformer

K1-Power Switch

K4-Printer Switch

W3-Printing Positioning Knob

MD-Motor

AP2-Ink Temperature Adjusting PC Board

YC1-Electromagnetic Clutch Assembly

RS1575PDI 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.

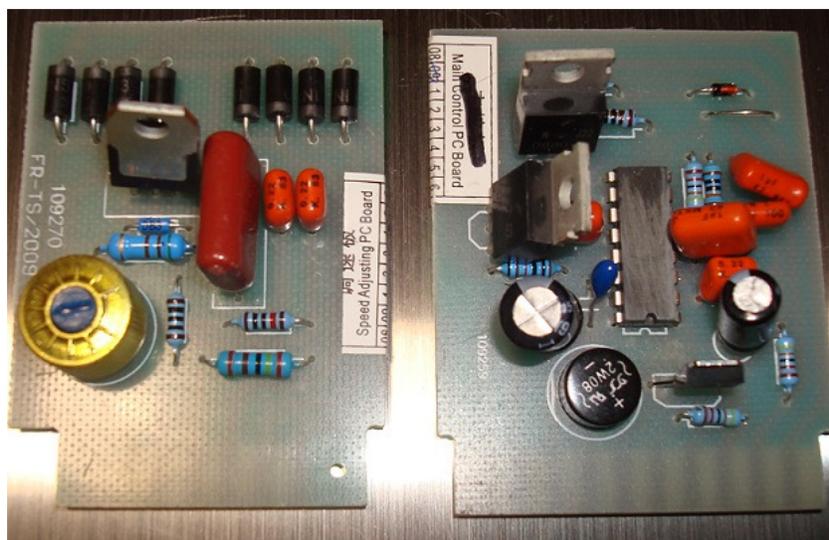
January 2008:

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 RSH1575PDI 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.



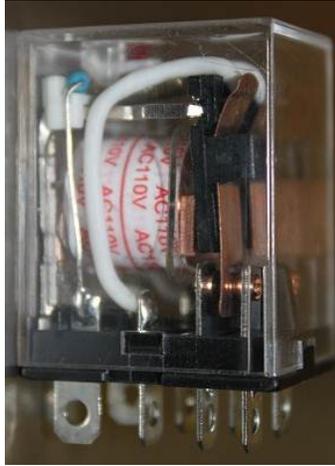
December 2008:

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.



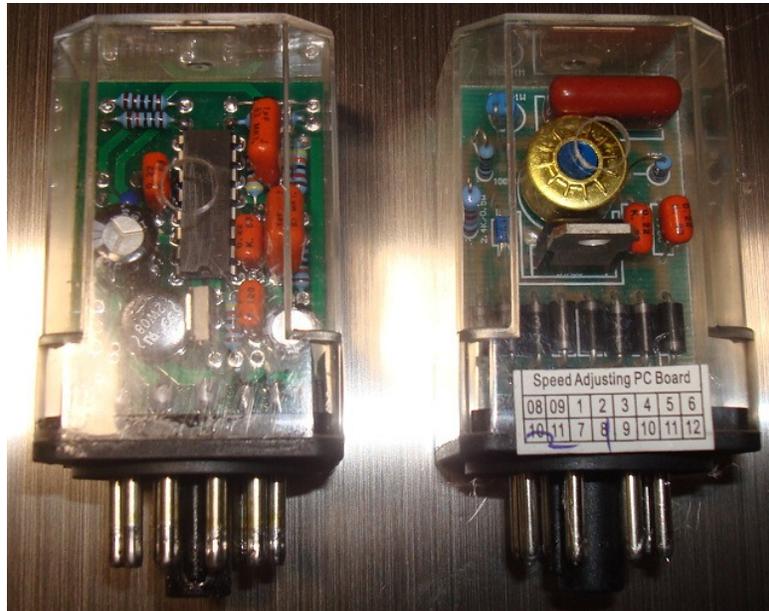
December 2009:

A completely new Emergency Switch is added to our RSH1575PDI 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 RSH1575PDI 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 and a newly designed temperature relay as 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 *RSH1575PDI 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.