



# Shawseal TS2

## Touchscreen Pneumatic Pouch Sealer

### Product Information

With over 20 years of development, the Shawseal Pneumatic Pouch Sealer (PPS) range represents the best solution for sealing pouches and sachets where quality, efficiency and repeatability are paramount.

Following on from the successful PPS model, Riverside have developed the new TS2 range, building on the proven and reliable design and adding new functionality via the cutting-edge touchscreen technology.

As with the original PPS sealers, seal temperature, pressure and dwell time settings can all be altered. Operation will not be allowed until the set-points have been reached. These settings can only be altered via a PIN protected screen, giving an added layer of security to the operation.

Within the touchscreen interface are a number of useful tools, including batch and master counters and a 'calibration due' and 'calibration expired' notification as well as the ability to 'data-log' every seal actuation.

Once activated, the seal temperature, pressure and dwell time are logged along with a time and machine serial number stamp. This data can then be exported out as a spreadsheet allowing the TS2 and its sealing process to be comprehensively and reliably validated.

Designed and manufactured in-house by Riverside Medical Packaging Ltd, the pouch/sachet sealers have a number of unique features that are standard to all units. Combined with that a wide choice of options are available offering the customer a product which suits their specific sealing requirements.

The units are compact and attractively finished with all external surfaces being stainless steel or powder coated making them ideal for cleanroom or laboratory settings, whilst under the cover units are superbly engineered, being robustly constructed to cope with the demand of day in, day out production.



The heat seal process is achieved by a heated platen jaw pressured against a silicone gasket. The heated jaw is available in 4 different standard profiles or can be produced to the customer's specification. With the combinations available the Shawseal can cope with the most delicate of medical peel pouches through to heavy gauge laminate bags.

Shawseal units require a 240V electrical supply and a 5 bar (70 psi) compressed air supply. The seal process is activated via a low voltage foot actuator (or via the touchscreen HMI) and cannot be interrupted or re-energised until the cycle is complete.

Three sizes of unit are available starting at the ShawSeal PPS300-TS2 which can accommodate sealing widths up to 320mm. For widths up to 420 / 520mm ShawSeal PPS400-TS2 AND PPS500-TS2 are the solution. Units can be supplied for bench mounting or complete with stand.

The Shawseal TS2 range is quite simply the best available in the market place. With their reliability the customer can rest assured that downtime is a thing of the past and production lines can keep running hour after hour. The seal quality and repeatability along with a process that can be fully validated will impress operators and put any quality manager's mind at ease.

All units come with a full instruction leaflet which incorporates calibration certificate, cleaning and maintenance plan, parameter set up chart and service log. For units set up with the data logging functionality, all software and leads are included. Each TS2 has a one year guarantee.

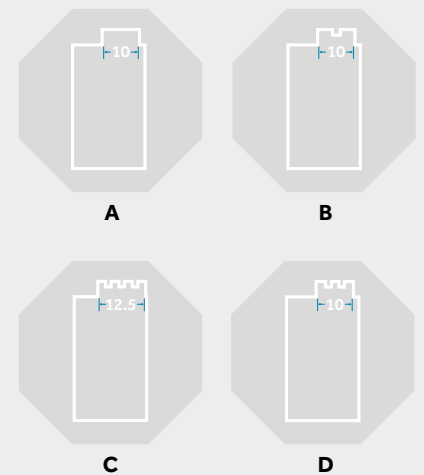
Shawseal TS2 units can be purchased outright or leased. Long term calibration and seal process validation plans are services that Riverside offer.



### Technical Specification

Model Number	W	D	H	Max Seal Width
PPS300-TS2	375mm	260mm	140mm	320mm
PPS400-TS2	475mm	260mm	140mm	420mm
PPS500-TS2	575mm	260mm	140mm	520mm
PPS Stand	460mm	460mm	900mm	N/A

### Standard Seal Profiles



Right and above - two examples of the broad textured seal produced by the Shawseal.



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**shawpak**  
Newmarket Drive, Derby. DE24 8SW.  
**T** +44 (0) 1332 579025  
**W** www.shawpak.co.uk  
**E** sales@shawpak.co.uk

**shawpak USA**  
Suite I, 10340 Camino Santa Fe,  
San Diego, CA 92121, USA.  
**W** www.shawpakusa.com

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