

VAN DER STÄHL SCIENTIFIC

# MEDICAL POUCH SEALER

## MD 850 SPECIFICATIONS

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**van der stahl**<sup>®</sup>  
SCIENTIFIC

[www.vanderstahl.com](http://www.vanderstahl.com)

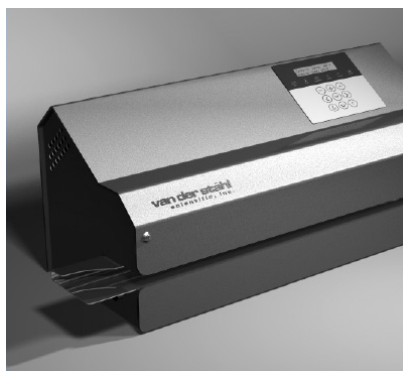


## MD 850

### ABOUT

German engineered and built, the MD 850 medical pouch sealer is an excellent choice for medical device companies wishing to seal their TyVek® and clear film pouch. Simply feed the opened end of your pouch and the MD 850 advanced conveyance system feeds your pouch across dual-heated platens that are precisely controlled using the system's on-board computer. As your pouch conveys through the system, it now enters into the transducer-monitored pinch roller that engenders approximately 100 Newtons of force onto the pouch, finishing the sealing and curing process.

After the pouch is sealed, it continues past the print head and the unit can now print important markings such as ISO symbolization, expiration dating, date of manufacturing, lot codes, etc. All the printing is performed on the tailing end, or non-sterile side of the seal. Operators continue to feed in open pouches, which makes for impressive through put numbers at the end of each shift.





## MD 850

### SPECIFICATIONS

- Voltage: AC100/240
- Power Consumption: 400W
- Sealing Dimensions: 12mm x Unlimited
- Distance From Medical Product: >30mm (Acc. To DIN 58953-7)
- Sealing Method: Continuous/Rotary sealer
- Sealing Temperature: 428°F (Max)
- Tolerance Limit Motor Stop: 3.6°F to 9.0°F (Adjustable)
- Temperature Ranges: 3 stored settings
- Temperature Control Tolerance:  $\pm 2\%$
- Contact Pressure: 100N
- Contact Pressure Deactivation Tolerance:  $\pm 20\%$
- Sealing Speed: 10m/min
- Data Output: RS-232 (Optional USB)
- Baud Rate: 9,600
- Machine Dimensions: 710mm x 260mm x 240mm
- Machine Weight: 23kg

### SEAL CHECK

The Seal Check allows you to test the critical process parameters; temperature, contact pressure, and sealing time. The additional use of the Seal Check sealing indicator allows for simpler visual inspection of the seal quality.



## **PRINTER**

Internal printer with inputs for Date Of Manufacture, Time, Expiration Date, Batch Data, Operator Name, Batch Counter (Or Absolute Batch Counter), Text (Up to 20 alphanumeric characters), CE Information, Machine Number.

- Print format can be rotated from 0° to 180°
- Margin adjustment from 0mm to 99mm from the edge of the package
- Select character size from 6 different widths
- Select distance between characters from 5 different pitches

## **SEALABLE MATERIALS**

\* also with side gusset

- Pouches and Reels in accordance with EN 868-5 and ISO 11607-1\*
- Paper pouches in accordance with EN 868-4\*
- HDPE (e.g. Tyvek™, 1059B, 1073B, and 2FS)\*
- Aluminum laminate film

## **NON-SEALABLE MATERIALS**

- Polyethylene films
- Soft PVC films
- Hard PVC films
- Polyamide films
- Polypropylene films