MEDICAL POUCH SEALER

MD 880
SPECIFICATIONS
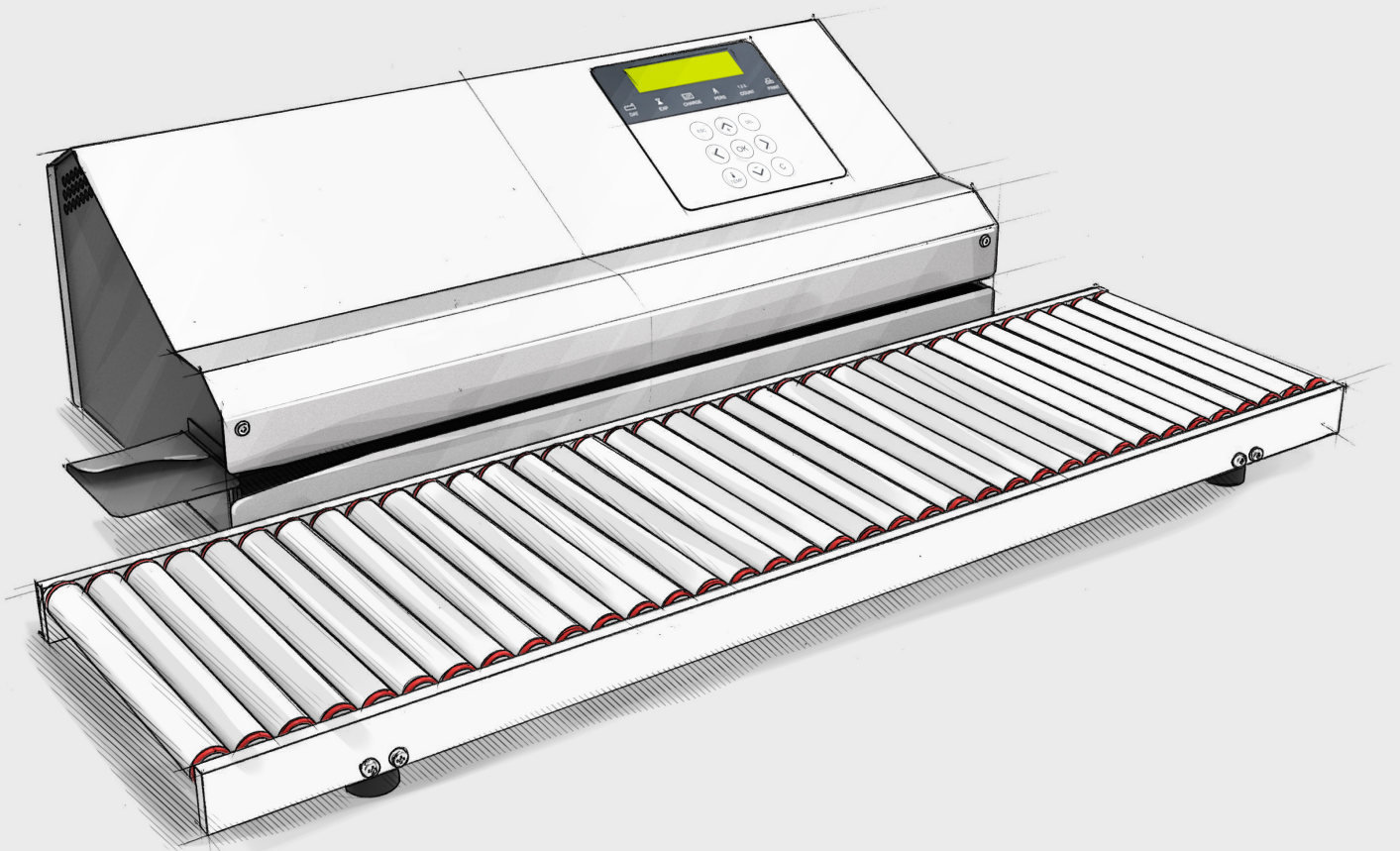
## van der stähl®
SCIENTIFIC

MD 880

ABOUT

German engineered and built, the MD 880 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 880 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.
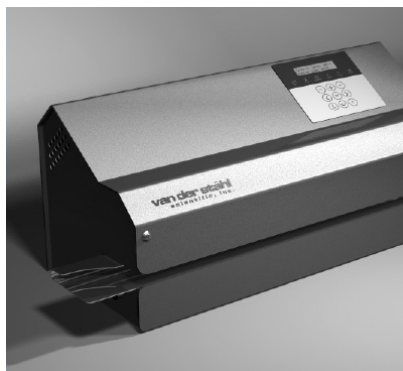
MD 880

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:** ±2%
- **Contact Pressure:** 100N
- **Contact Pressure Deactivation Tolerance:** ±20%
- **Sealing Speed:** 10m/min (Adjustable with ValiScan barcode scanner: Range = 5m/min to 13m/min)
- **Data Output:** RS-232, USB, Ethernet (LAN)
- **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.

MD 880

PRINTER

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

- 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 OR FontMatic automatically adjusts the size of the printing according to the width of the package and the length of the print line
- Select distance between characters from 5 different pitches

INTELLIGENTSCAN SYSTEM

- The ValiScan barcode scanner comes with a CD with which you can easily create and document barcode lists on your PC
- These barcodes correspond to different settings for the sealer, making it much simpler to change between process parameters or operators
- The barcodes also offer you the ability to change some of the process parameter that are not accessible through the settings menu, such as the transportation speed of the material transport belts

MD 880

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. TyVekTM, 1059B, 1073B, and 2FS)*

- Aluminum laminate film

NON-SEALABLE MATERIALS

- Polyethylene films

- Soft PVC films

- Hard PVC films

- Polyamide films

- Polypropylene films