

®

polystar

KUNSTSTOFF-FOLIENSCHWEISSGERÄTE

981 DSM

Continuous Sealing Machines for sterilization bags



**Controlled sealing processes
according to DIN EN ISO 11607-2**

polystar® 981 DSM



981 DSM with table



981 DSM with roller conveyor

B
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Technologies

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KUNSTSTOFF-FOLIENSCHWEISSGERÄTE

In-Process-Check: Guaranteed sterile!



Application:

Wherever validated sealing processes are needed you should use the **polystar®** Continuous Sealing machines of series **981 DSM**.

Closing, recording and printing (as an option) is as easy as never before. Define all important sealing parameters using the alpha-numerical keyboard, and monitor all sealing processes with the **In-Process-Check** at a glance.

The sealing processes are printed directly on the package or stored on an USB memory stick or via RS232 interface on your PC.

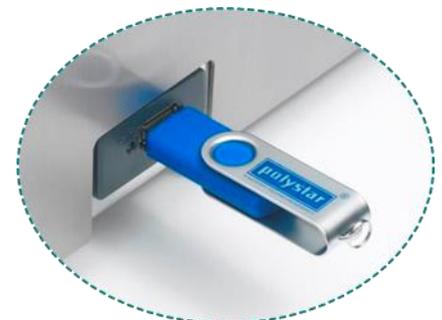
Operation:

After a short heating-up period the **polystar®** Continuous Sealing machines of series **981 DSM** are ready for continuous closing of sterilization bags.

The handling as well as the menu navigation are simple. Thus, a long learning time or a special training is not necessary. From left-hand-side the sterilization bag will be inserted. The bag is gripped by transport belts and transported through the heating and cooling area. With a constant speed of 8,5 m/min. the sterilization bag is closed by a pair of crimp rolls with monitored contact pressure.

Advantages:

- conform according to DIN EN ISO 11607-2, EN 868-5 und DIN 58953
- casing, table and roller conveyor made of stainless steel
- crimp seam width of 15 mm
- seal speed of 8,5 m/Min. ($\pm 5\%$)
- constant contact pressure 100 N ($\pm 5\%$)
- adjustable contact pressure – range of tolerance: 90 - 140 N
- adjustable temperature: 50° - 199°C
- temperature tolerance: $\pm 5^\circ\text{C}$
- automatic monitoring of sealing parameters through **In-Process-Check**
- audible and visual warning messages when exceeding the defined tolerances
- dokumentation by printing or storing on an USB memory stick resp. RS 232 interface
- automatic start/stop of transport belts
- digital piece counter
- additional available with table, roller conveyor and dot matrix printer



Technical Data:

polystar®	981 DSM /	981 DSM-P*	Roller Conveyor
Seal speed	8,5 m/Min.	8,5 m/Min.	-
Seam width	15 mm	15 mm	-
Temperature	50 - 199°C	50 - 199°C	-
Current Input	2,2 A	2,2 A	-
Power consumption	0,4 kWh	0,4 kWh	-
Measurements**	550 x 320 x 210 mm	550 x 320 x 210 mm	755 x 290 x 76 mm
Net-weight	17,7 kg	18,2 kg	7,5 kg
Mains supply	230 V / 50 cps.	230 V / 50 cps.	-
** without table		P* = with dot matrix printer	

All machines are supplied with 2,5 m connecting cable. The measurements and weights given are approximate. We retain the right to make technical changes without giving prior notice! (04/2014)