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PATIENT SAFETY 4.0

hm 850 DC-V

V.1.0

hm 850 DC-V

haldor

VALIDATABLE BAND SEALER FOR THE PACKAGING OF SEALABLE POUCHES AND REELS (SBS).

hm 850 DC-V

The validatable hm 850 DC-V rotary sealer is used for automatic closing of sealable pouches and reels (Sterile Barrier Systems) for the professional packaging of medical instruments in hospitals (RUMED) and the medical industry.

CONFORMITY.

The sealing process is validatable in accordance with ISO 11607-2:2019 and fulfils the requirements of the guideline of the World Health Organisation (WHO) as well as the guideline of the World Federation for Hospital Sterilisation Sciences (WFHSS).

SAFETY.

Exact temperature control and constant contact pressure and sealing speed guarantee reproducible sealing results. The device switches off automatically if the sealing temperature and contact pressure is out of tolerance.



*hm 850 DC-V with
hm 500 RT roll conveyor*



Simple data input via membrane keypad

PROGRAMMING.

The membrane keypad makes the menu navigation and data input exceptionally simple. Information is shown clearly and precisely on the two line LCD-display.

SEAL STRENGTH.

The special hawo SealPeak sealing seam is a 12 mm wide flat seam that have a barrier with excellent stability in their centre. The seal stability increases constantly from the outsides towards the SealPeak. These soft edges have the advantage that instruments do not break out at the edges, but instead press gently into the seam and are caught by the SealPeak in the centre. SealPeak sealing seam also have excellent peeling properties without paper shredding, even if the user peels the pack open in the wrong direction. Seal Peak sealing technology is also ideal for gusseted materials.

FLEXIBILITY.

Thanks the SealPeak technology the hm 850 DC-V is suitable for packaging sealable paper bags (EN ISO 11607-1/EN 868-4), sealable pouches and reels (EN ISO 11607-1/EN 868-5) made of film and paper according to the EN 868-3, sealable pouches sealable pouches and reels according to ISO EN 11607-1/ EN 868-5 made of film and uncoated materials made of polyolefins according to EN 868-9 (e. g. Tyvek®)¹, as well as sealable pouches and reels according to ISO 11606-1/EN 868-5 made of PP fleece or PP nonwoven.



Integrated one line matrix printer

INTEGRATED PRINTER.

The hm 850 DC-V is equipped with an internal one line matrix printer to print all normatively requested information directly onto the packaging during the sealing process as e.g, packaging date, expiry date, LOT number, name or personnel ID, piece counter, free text and CE symbol (symbols according to EN 980).

COMMUNICATION.

The hm 850 DC-V can easily be linked to batch documentation and tracking systems via the RS 232 interface.

¹ Tyvek® is a reg. Trademark of E.I. du Pont Nemours.

hm 850 DC-V

SEALING MATERIALS

Sealable paper pouches according to EN ISO 11607-1/EN 868-4	x (suitable for gusseted materials)
Sealable pouches and reels according to EN ISO 11607-1/EN 868-5 made of film and paper according to EN 868-3	x (suitable for gusseted materials)
Sealable pouches and reels according to ISO EN 11607-1/EN 868-5 made of film and uncoated materials made of polyolefine according to EN 868-9 (e.g. Tyvek® ¹)	x
Sealable pouches and reels according to ISO 11606-1/EN 868-5 made of PP fleece or PP nonwoven	x ²

TECHNICAL DATA

Validatable process	x
Microprocessor controlled	x
Display	2 line LCD
Input keyboard	membrane keyboard
Automatic start of motor by photocell	x
Energy-saving function device with stand-by	10 - 120 min
Printout 9-dot matrix, single lined	x
Print image 180° rotation (upside down)	x
Type size variable	x
RS 232 connection	x
Sealing temperature	max. 220 °C (428 °F) (monitored)
Contact pressure	80 - 120 N (monitored)
Switch-off tolerance	+/- 5°C (DIN 58953-7)
Seal distance from the material edge	0 - 35 mm (0 - 1.4 inch)
Seal seam width 12 mm (0.5 inch)	x (SealPeak)
Mains connection	100 - 240 V, 50/60 Hz
Power consumption	400 W
Dimensions W x D x H (incl. infeed section)	710 x 260 x 240 mm
Weight	22 kg
Housing	Stainless steel AISI 304

ACCESSORIES

hm 1000 T tray: 850 x 280 x 60 mm	x
hm 500 RT roll conveyor: 830 x 280 x 60 mm	x

¹ Tyvek® is a registered trademark of E.I. du Pont de Nemours.

² Approval and/or tests necessary.

Technical modifications reserved
07/2021 | 9.344.102



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