

hawo



PATIENT SAFETY 4.0

hm 780 DC / DC-V

V.1.0

hmo hm 780 DC/DC-V

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

hm 780 DC/DC-V

The hm 780 DC and the hm 780 DC-V rotary sealer are used for automatic closing of sealable pouches and reels (Sterile Barrier Systems) for the professional packaging of medical instruments in hospitals (RUMED) and healthcare facilities. The sealing process of the hm 780 DC-V is validatable.

SAFETY.

Exact temperature control, constant contact pressure and sealing speed guarantee reproducible sealing results. The devices switch off automatically if the sealing temperature is out of tolerance. The hm 780 DC-V additionally controls the speed (dwell) and the contact pressure.

PROGRAMMING.

The hm 780 DC and hm 780 DC-V are easy to operate via its intuitive temperature control. With the optional hawo IntelligentScan technology, the device configurations required for all kinds of packaging materials, printing and staff data can be entered via the hawo barcode scanner. The hawo IntelligentScan technology automatically assigns the scanned-in barcodes to the device functions. A software for the creation of individual scan lists is included.



hm 780 DC/DC-V

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). The model hm 780 DC-V fulfils the requirement of the guideline ISO/TS 16775.

Integrated one line matrix printer



INTEGRATED PRINTER.

The hm 780 DC and hm 780 DC-V are equipped with an internal one line matrix printer to print all normatively requested informations directly onto the packaging during the sealing process as e.g. packing date, packing time, Expiry date, LOT number, personal ID, batch counter, sterilization type, pack content quantity, text (with optional IntelligentScan barcode scanner). Print out with symbols according to EN 980.

FLEXIBILITY.

Thanks the SealPeak technology the hm 780 DC and hm 780 DC-V are 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 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 11607-1/EN 868-5 made of PP fleece or PP nonwoven.

COMMUNICATION.

The hm 780 DC and hm 780 DC-V can easily be linked to batch documentation and tracking systems via the RS 232 interface.

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.



InkTest PRO | PRO HDPE | PRO PLUS

Using the innovative test systems InkTest PRO, InkTest PRO HDPE (red, for Tyvek®¹/plastic materials) or the new InkTest PRO PLUS (black, for other polyolefine materials) as an easy and cost-efficient way to comply with the required routine checks of the RKI recommendation. InkTest PRO is ideal for checking gusseted materials.



Seal Check MED | HPDE

The Seal Check indicator makes defective areas of the sealing seam visible on the dark indicator strip. hawo Seal Check is not suitable for use with gusseted films. The Seal Check is available for transparent films made of paper/plastic (Seal Check med), for Tyvek®¹/plastic (Seal Check HDPE).

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

hm 780 DC

hm 780 DC-V

SEALING MATERIALS

Sealable paper pouches according to EN ISO 11607-1/EN 868-4	x (suitable for gusseted materials)	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)	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	x
Sealable pouches and reels according to ISO 11606-1/EN 868-5 made of PP fleece or PP nonwoven	x ²	x ²

TECHNICAL DATA

Validatable process		x
Microprocessor controlled	x	x
Display	7 segment LED	7 segment LED
Input keyboard	single keys	single keys
Automatic start of motor by photocell	x	x
Energy-saving function device with stand-by	1 - 60 min	1 - 60 min
Printer	9-dot matrix, single lined	9-dot matrix, single lined
Type size variable	x	x
RS 232 connection	x	x
Sealing temperature	max. 220 °C (428 °F) (monitored)	x max. 220 °C (428 °F) (monitored)
Contact pressure (fix)	100 N ± 20%	100 N ± 20%
Sealing speed (monitored)		x
Switch-off tolerance	± 5°C (DIN 58953-7)	± 5°C (DIN 58953-7)
Seal distance from the material edge	0 - 35 mm (0 - 1.4 inch)	0 - 35 mm (0 - 1.4 inch)
Seal seam width 12 ± 1 mm (0.5 ± 0.04 inch)	x (SealPeak)	x (SealPeak)
Mains connection	115/230 V 50/60 Hz	115/230 V 50/60 Hz
Power consumption	390 W	390 W
Dimensions W x D x H (incl. infeed section)	560 x 255 x 145 mm (22.0 x 8.9 x 5.7 inch)	560 x 255 x 145 mm (22.0 x 8.9 x 5.7 inch)
Weight	15 kg (33.0 lbs.)	15 kg (33.0 lbs.)
Housing	Stainless steel AISI 304	Stainless steel AISI 304

ACCESSORIES

hm 1000 T tray: 850 x 280 x 60 mm (33.5 x 11.0 x 2.4 inch)	x	x
hm 500 RT roll conveyor: 830 x 280 x 60 mm (32.7 x 11.0 x 2.4 inch)	x	x
hawo scanner IntelligentScan (with software for generating barcode lists)	x	x

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

² Approval and/or tests necessary.

Technical modifications reserved

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hawo GmbH
 Obere Au 2-4
 74847 Obrigheim
 Germany
 T +49 (0) 6261/9770-0
 F +49 (0) 6261/9770-69
 info@hawo.com
 www.hawo.com

hawo USA:
 hawo
 150 North Michigan Avenue
 35th Floor
 Chicago, Illinois 60601
 T +1 312 585 8329
 F +1 312 644 0738
 info@hawo-usa.com
 www.hawo-usa.com

hawo ASIA:
 hawo
 25 International Business Park
 #03-105 German Centre
 Singapore 609916
 T +65 6433 5339
 F +65 6433 5359
 info@hawo-asia.com
 www.hawo-asia.com

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Henderson Biomedical

Unit 3, Swan Close
Croydon CR0 2DZ
United Kingdom

Tel: 020 8663 4610

**For sales enquiries: sales@henderson-biomedical.co.uk
For all other enquiries: info@henderson-biomedical.co.uk
www.henderson-biomedical.co.uk**

