

hawo



PATIENT SAFETY 4.0 SUPPLEMENT 1

hm 950 DC-V/VI NanoPak

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VALIDATABLE ROTARY SEALER WITH TOUCH SCREEN FOR PACKAGING OF SEALABLE POUCHES AND REELS.

hm 950 DC-V/VI NanoPak



Hawo was founded in 1975 and since then we have been supplying sealing devices for the packaging of instruments to doctors and hospitals, as well as the medical sector and clean-room technology. Our aim, right from the start, has been to develop products that will improve hygiene standards. The emphasis lay on supplying high-quality products and on covering every stage of the packaging process by offering a variety of accessories and services.



The new heat sealer surpasses all its predecessors, offering smart operation, comprehensive digitisation, networkability and sustainability, reflecting the spirit of industry 4.0.

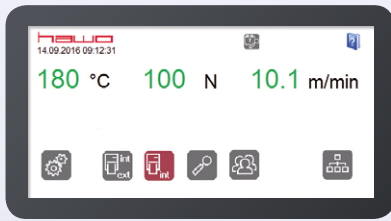
The design of the NanoPak is based on the award-winning design of hawo's Generation Easy series. We have designed the devices of this product generation to meet the high standards, in terms of professionalism, aesthetics and solidity, as required in surgeries and SPD (CSSD's) in hospitals while always conforming to the strictest safety guidelines.

The NanoPak is available in stainless steel, as well as the colours diamond black, white and original orange. The colour 'original orange' dates back to the colour of the first hawo sealing devices issued in the first years after the company was founded.



GreenTek – SUSTAINABILITY

Environmental protection and sustainability are not an end unto themselves. With NanoPak we are consistently focusing on resource-efficient design with our innovative sealing technology, which only needs a fraction of the energy required by similar devices. The heating reaches operating temperatures in record time and works with the highly efficient 24 Volt system which reduces any drop in performance to a minimum. The stand-by function and automatic shut-down, when not in use, complete the hawo's GreenTek concept. We offer all this without compromising the quality of the sealing results.



Intuitive user guidance via hawo's own apps



Display of lists e.g. user names and batch descriptions



Data relevant for packaging, as e.g. sealing parameters and print data



AppCtrl – TOUCH SCREEN.

NanoPak is hawo's most powerful heat sealer. Below the lid is a high-end processor to ensure that NanoPak can deliver top results over a long time period. A 4,3 inch touch screen and the Linux operating system together with the AppCtrl user applications, which allow you to call up instrument and programming functions, make operation and validation child's play.

DocLink – COMMUNICATION.

Due to the innovative DocLink communication module NanoPak can easily be linked to batch documentation systems. DocLink has USB A/B and RS 232 interfaces. An additional Ethernet interface makes NanoPak network-compatible.

DataMatic – USB DATA TRANSFER.

Thanks to DataMatic technology all data can be continuously recorded on a standard USB stick.

SizeMatic – DETERMINING BAG LENGTH.

NanoPak is the first rotary sealing device with SizeMatic function. Sterilisation bags that are too long or too short are a thing of the past because the optional scanner and the SizeMatic scale allows you to upload the length of a device. The optimum length of the bag is then automatically calculated and shown on-screen. All normative-relevant safety margins are considered and included in the calculation.

IntelligentScan – PROGRAMMING.

NanoPak can be operated as usual with a scanner. Entering data is now even more convenient and more secure. With hawo IntelligentScan technology you can enter all the relevant device configurations, such as packaging materials, print and personnel data, as well as the print sequences beforehand, via the PC software



《》 **FontMatic** – PRINTER.

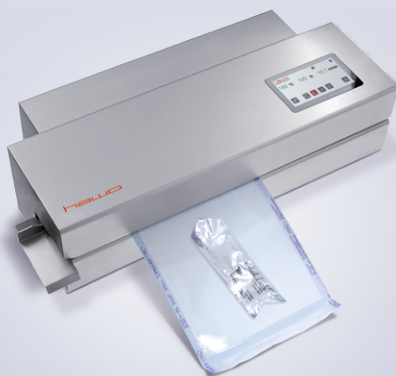
NanoPak's new printer is capable of not only printing the required text information, but it can also print bar codes. Make your selection via the print application. The FontMatic technology automatically adjusts the font size to match the width of the packaging. hm 950 DC-VI Version comes with an additional new printing unit, which is able to print international language characters (e.g. Chinese) and logos.

⚖ **SealPeak** – SEAL STRENGTH.

The tried and trusted hawo SealPeak technology for the sealing seam. Hawo SealPeak sealing seams are 12 mm (0,5 inch) wide, flat seams with a so called barrier of extremely high solidity at their centre, the SealPeak. The seal strength increases steadily from the edges towards the SealPeak. The advantage of these soft edges is that the instruments cannot break through the edges, but gently pierce them and are then caught by the SealPeak at the centre. Furthermore SealPeak sealing seams have outstanding peel properties and do not fray, even if the peel direction is disregarded by the user. Obviously NanoPak is suitable for the sealing of all known, sealable, pre-fabricated sterile barrier systems, uncoated Tyvek^{®1}, as well as polyoefine packaging.

✓ **ValiUp** – VALIDATION.

NanoPak has been fitted with the new system-integrated function to determine the optimum sealing temperature during process validation (ValiUp). This innovative tool complies exactly with the pre-set process of the international Guidance on the application of ISO 11607-1 and ISO 11607-2 (CEN ISO/TS 16775²).

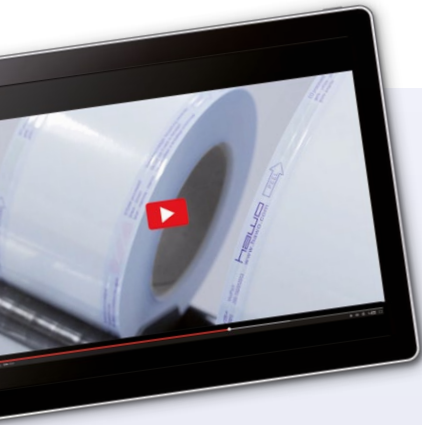


InkTest PRO **InkTest PRO HDPE**

Using the innovative test systems InkTest PRO and the new InkTest PRO HDPE for Tyvek^{®1}/ plastic 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 side-gusseted materials

¹ Tyvek[®] is a reg. trademark of E.I. du Pont de Nemours.

² Types of packaging for the end-packaging of sterilised medical products – Guide manual for the application of ISO11607-1 and ISO 11607-2.



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You will find detailed technical data for the hm 950 DC-V NanoPak under:



www.hawo.com/data

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10/2016 | 9.344.091

