

●●● **matachana**
Infection Control



Sealing devices
Matachana EP Series

The EP Series

MODULAR TECHNOLOGY

01 02 03 04 05

RENAISSANCE OF SIMPLICITY

When developing the new EP Series, we completely followed our customers' demands for a pure, cost-effective band sealer. Define your needs and choose the one that suits you best out of five unique versions! With our modular technology you get what you really need: sealing technology straight to the point for a simple and safe packaging.

White or stainless steel?

Is the classic, less expensive steel housing with white surface adequate for your application? Or do you have very high standards regarding an even more convenient and hygienic cleaning? Simply choose between the standard white or the new stainless steel housing (S).

Focus sustainability?

Are sustainable products and processes a key priority for you? For us too! This is why we have consistently focused on resource-saving design and engineering of our products. EP sealing devices use a fraction of the energy of comparable devices due to innovative sealing technology and features – without any compromise in quality. EP 02 – 05 are marked with our GreenTek label as particularly sustainable devices.

Stand-by/Automatic start?

Sustainable or efficient sealing? Both, of course! All EP versions are characterised by a sustainable (only 160 Watts) and efficient (10 m/min) sealing process. You would still like to optimise that? Opt for a version with automatic start and/or stand-by mode.

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VERSIONS



EP

White (powder-coated)

Stainless steel

GreenTek

Automatic start

Stand-by

Validatable process

Computer interface (RS 232)

IntelligentScan

Integrated printer

Replaces

Computer interface?

You need a complete documentation of your sealing process? The EP versions with an integrated RS 232 computer interface allow you to transfer the data output of the sealing device to an external software/path via data cable.

Validatable process?

You require a validatable packaging process? No problem: EP 03 or 05 regulate and monitor all process variables according to ISO 11607-2. If not, all other versions are the perfect economical choice for closing sealable pouches and reels in a professional, fast and secure way.



IntelligentScan?

You want to avoid manual entry of your relevant device configurations? Our IntelligentScan ready EP versions can help. Optimise your new device with an optional hm 980 barcode scanner and use the included software to create individual scan lists which contain configurations such as temperature settings. Entering data has never been this convenient and secure.



Integrated printer?

Are you tired of using labels to mark your sterile barrier systems? Then directly opt for an EP Version with an integrated printer. Data such as name/ID of wrapper, expiry/sterilization date, lot number, etc. can directly be printed on the porous part of the material (outside the sealing seam).



01 Ref. ¹ 95356.1	02 Ref. ¹ 95356.3	03S Ref. ¹ 95356.6	04S Ref. ¹ 95356.8	05S Ref. ¹ 95358.9
x	x			
		x	x	x
	x	x	x	x
	x	x	x	x
		x		x
		x	x	x
		x	x	x
			x	x
			x	x
Matachana HD 650 D	Matachana HD 650 DE	Matachana HD 680 DE-V	Matachana HM 780 DC	Matachana HM 780 DC-V

¹ Voltage for 230 V. Other voltages on request.

EP Sealing device

01 02 03

04 05 with printer

SEALING MATERIALS

Sealable paper bags according to EN ISO 11607-1/EN 868-4	x	x
Sealable pouches and reels according to EN ISO 11607-1/EN 868-5 made of film and paper according to EN 868-3	x	x
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®)	EP 03	x
Sealable pouches and reels according to ISO 11607-1/EN 868-5 made of PP fleece or PP nonwoven		x ²

TECHNICAL DATA

Validatable process (according to ISO 11607-2)	EP 03	EP 05
CE marked	x	x
Microprocessor controlled	x	x
Display	LCD display	7-segment display
Sealing temperature	max. 220 °C (monitored)	max. 220 °C (monitored)
Sealing speed (dwell)	10 m/min fix	10 m/min (fix)
Contact pressure	EP 01/02: fix EP 03: fix (monitored)	EP 04: fix EP 05: fix (monitored)
Switch-off tolerance +/- 5 °C (DIN 58953-7)	x	x
Seal distance from the edge	0-35 mm	0-35 mm
Seal seam width	12 mm	12 mm
Sealing system	EP 01/02: ribbed EP 03: flat (SealPeak)	flat (SealPeak)
Automatic start	EP 02/03	x
Stand-by	EP 03	x
Printer		x
2 x Computer interface (RS 232)	EP 03	x
USB Port	EP 03	x
Mains connection	230 V, 50/60 Hz / 115 V, 50/60 Hz / 100 V, 60 Hz	230 V, 50/60 Hz / 115 V, 50/60 Hz / 100 V, 60 Hz
Power consumption	160 W ³	160 W ³
Dimensions W x D x H	565 x 255 x 155 mm	610 x 255 x 155 mm
Weight	EP 01/02: 14 kg EP 03: 14,5 kg	EP 04: 16 kg EP 05: 16,5 kg
Housing	EP 01/02: White powder-coated EP 03S/04S/05S: Stainless steel AISI 301	

ACCESSORIES

Tray hd 650 T (630 x 280 x 60 mm). Ref. 95354.2	x	x
Roll conveyor hm 500 RT (830 x 280 x 60 mm) Ref. 95354.5	x	x
IntelligentScan (hm 980 BR Barcode Scanner ValiScan) Ref. 95371.1		x

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

² Approval and/or tests necessary.

³ May vary during the heat-up phase.

Technical modifications reserved
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