

## HD 320 MS et HD 470 MS



### THE DESIGN-LINE.

**hd 310 / 510 WS**  
**hd 320 MS**

The hd 320 MS (impulse) and hd 310 / 510 WS (permanently heated) bar sealers are used for the manual sealing of pouches and reels in doctor's and dentist's practices. Both devices are notable for their well designed and compact construction. They are ideal for use in small institutions.

- > *Compact design: roll conveyor and cutting device*
- > *hd 310 / 510 WS: Quick heat-up time (< 2 min)*
- > *hd 310 / 510 WS: Less maintenance by sealing system without PTFE tape and strip heater, as well as energy efficient thanks to continuously heated sealing system and stand-by function (GreenTek)*
- > *hd 320 MS: automated adjustable sealing timer avoids inadequate sealing seams additionally no heat-up time and no energy consumption when turned off*



### THE BASIC-LINE.

**hd 260 / 270 MS**  
**hd 470 MS**

The hd 260/270 MS and hd 470 MS are our most economical bar sealers for the packaging of both sealable pouches and reels and thermoplastic film thanks to the adjustable sealing timer. They are ideally suited for use in smaller institutions and tattoo studios.

- > *Compact design: roll conveyor and cutting device*
- > *High value for the money*
- > *No heat-up time and no energy consumption when not in use*
- > *Suitable for hot air sterilization film (on request)*
- > *hd 470 MS: extra wide device for sealing seams up to 450 mm*
- > *Automatic sealing time control avoids inadequate sealing seams*
- > *Optional: tray hd 260 T*

# BAR SEALERS

	hd 310 WS hd 510 WS	hd 320 MS	hd 260 MS hd 270 MS hd 470 MS
<b>RANGE OF USE AND CERTIFICATIONS</b>			
Especially suitable for use in	medical practice	medical practice	medical practice, tattoo studios
CE sign	x	x	x
GS-certified	x	x	x
GreenTek	x		
<b>POWER SUPPLY DATA</b>			
Mains connection	115/230 V	115/230 V	115/230 V
Mains frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power <sup>1</sup>	100 W	850 W during sealing process	850 W during sealing process
<b>MECHANICAL DATA</b>			
Dimensions w x d x h	hd 310: 420 x 360 x 220 mm hd 510: 580 x 360 x 220 mm	420 x 360 x 220 mm	hd 260: 400 x 310 x 220 mm hd 270: 400 x 310 x 220mm hd 470: 555 x 310 x 220 mm
Stainless steel AISI 304 casing cover	x	x	x
Weight	hd 310: 6,5 kg hd 510: 9 kg	8 kg	hd 260: 8,5 kg hd 270: 8,5 kg hd 470: 11 kg
Sealing system	permanently heated	impulse	impulse
Seal seam shape	curved flat seam	flat	flat
Sealing seam width	approx. 10 mm	8 mm	8 mm
Sealing seam length	hd 310: max. 250 mm hd 510: max. 450 mm	max. 250 mm	hd 260: max. 250 mm hd 270: max. 250mm hd 470: max. 450 mm
Integrated roll holder	x	x	x
Integrated cutting device	x	x	x
<b>SEALING MATERIALS</b>			
Sealable paper pouches (EN ISO 11607-1)	x	x <sup>2</sup>	x <sup>2</sup>
Sealable paper/plastic pouches and reels (ISO 11607-1)	x	x <sup>2</sup>	x <sup>2</sup>
Hot air sterilization film (on demand)		x	x
<b>ELECTRONIC AND COMMUNICATION</b>			
Microprocessor control	x	x	x
Parameter settings remain even after a power failure (autosave)	x	x	x
Display	LED	7-segment-display	7-segment-display
Data input	pre-adjusted	single keys	potentiometer infinitely single keys (hd 270 / hd 470)
Energy-saving function device with stand-by	x	x	x
Piece counter		x	
<b>PROCESS VARIABLES AND PARAMETERS</b>			
Sealing time	3 s (fix)	3 – 8 s (adjustable)	3 – 8 s (adjustable)
Sealing temperature	approx. 190 °C fix	defined by sealing time	defined by sealing time
Constant contact pressure	x	x	x
<b>ACCESSORIES</b>			
ValiPak Peel-Test (tensile force test according EN 868-5:2009)	x	x	x
InkTest / InkTest PRO (dye penetration test)	x	x	x
Seal Check	x	x	x