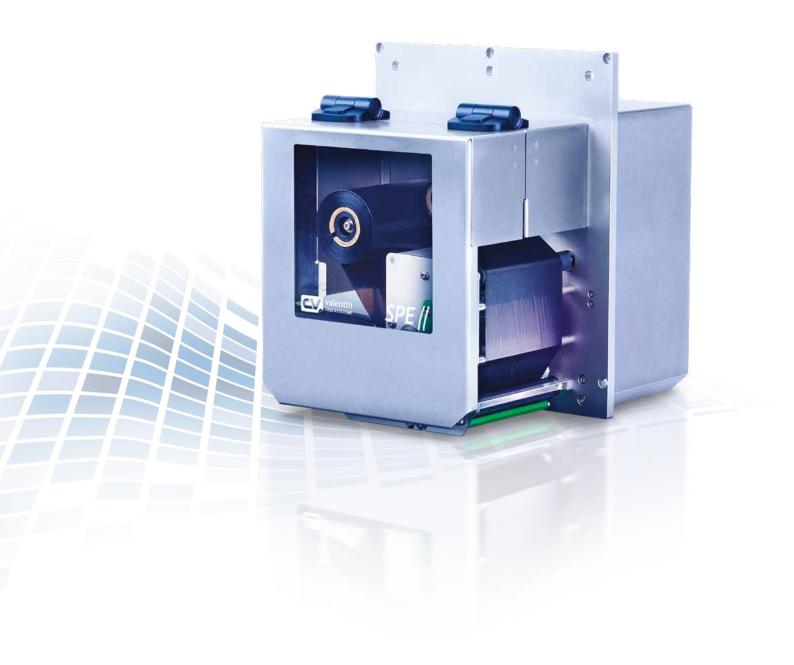


SPE II

Robust Industrial Printing System



Quality . Tradition . Innovation

SPE II Fast and robust for maximum performance.

The feature of the SPE II print module is its modular and sturdy design. Developed for industrial continuous operation, it can be used in almost all cases of label marking. Whether as a Print & Apply solution in conjunction with a pneumatically controlled label applicator or as a printing system mounted on a label dispenser - the SPE II is easy to integrate into automated processes.

Numerous options support this, such as the distributor box for connecting additional components or the signal light as advance warning for approach of end of the label and transfer ribbon. The optimised transfer ribbon significantly reduces costs and contributes to sustainable material consumption.

Thanks to a high print resolution of up to 600 dpi at an extremely fast print speed of up to 350 mm/s and the modern touch operation, the SPE II is a popular universal device in the label printing and dispensing sector.

Electronic control unit as panel or desktop enclosure



Splash wat

Splash water protection IP65 The electronic control unit as panel enclosure achieves protection class IP65 with the

The 7" touch colour display with graphical user interface is easy to use with a print preview to check the layout. With an angle bracket, the control unit (panel enclosure pictured right) can be mounted nearly anywhere. The optional desktop enclosure (pictured left), also with touch screen, with additional front USB input and on-off switch, stands on four

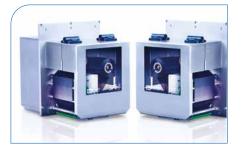
The electronic control unit as panel enclosure achieves protection class IP65 with the optional protection cover in accordance with DIN EN 60529 ("dust-tight and protected against jet water from any angle"). The control unit therefore does not have to be covered when cleaning the machine.



Ingenious enclosure concept

non-slip rubber feet.

The stainless steel enclosure is hygienic and easy to clean and meets the high requirements for industry solutions in the food, beverage, chemical, pharmaceutical and medical technology industries. Integration with different machines is very easy - with only one connecting cable and one space-saving flexible cable routing in all directions.



Right and left design version

The SPE II high-performance print module can print and dispense in both vertical and horizontal mounting positions and has been specially designed for labelling in continuous operation. All models in this series are available as right-hand and left-hand versions.

	SPE II 106/12	SPE II 106/24	SPE II 107/12	SPE II 108/12	SPE II 160/12	SPE II 162/12
Printing						
Print resolution	300 dpi	600 dpi	300 dpi	300 dpi	300 dpi	300 dpi
Max print speed	350 mm/s	100 mm/s	350 mm/s	350 mm/s	300 mm/s	300 mm/s
Max. print width	105.7 mm	105.6 mm	106.6 mm	108.4 mm	160 mm	162.6 mm
Passage width	116 mm	116 mm	116 mm	116 mm	176 mm	176 mm
Printhead	Flat Type	Flat Type	Corner Type ¹	Flat Type	Corner Type ¹	Flat Type
Labels						
Labels, continuous rolls or fan-fold	paper, cardboard,	textile, synthetics				
Material weight	max 220 g/m² (lar	ger on demand)				
Min label width	25 mm					50 mm
Min label height	15 mm					
Max label height	3000 mm	750 mm	3000 mm	3000 mm	2000 mm	2000 mm
Label sensor Standard Option	transmission transmission and	reflexion from bott	om, transmission an	d reflexion from top	, ultrasonic photocell	
Transfer ribbon						
Ink	outside/inside					
Core diameter	25.4 mm/1"					
Roll diameter	Ø 90 mm					
Ribbon length	450 m					
Ribbon width	110 mm				163 mm	170 mm
Fonts						
Font typeds	6 Bitmap fonts 1 8	Vektor fonts /True	Type fonts 6 prop	artional fants I ath	or fonts on domand	
Font typeds		verter rorrest rac		ortional ionts i otr	ler fonts on demand	
Bar Codes						
	CODABAR, Code 1	28, Code 2/5 inter		de 39 extended, Co	de 93, EAN 13, EAN 8, I	EAN ADD ON,
Bar Codes	CODABAR, Code 1 GS1-128, Identcoc	28, Code 2/5 inter le, ITF 14, Leitcode	leaved, Code 39, Coc	de 39 extended, Co Code, PZN 8 Code,	de 93, EAN 13, EAN 8, UPC-A, UPC-E	EAN ADD ON,
Bar Codes 1D bar codes	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar	leaved, Code 39, Coc , Pharmacode, PZN 7 :rix, GS1 DataMatrix, I	de 39 extended, Co Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional,	de 93, EAN 13, EAN 8, UPC-A, UPC-E	EAN ADD ON,
Bar Codes 1D bar codes 2D bar codes	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar	leaved, Code 39, Coc , Pharmacode, PZN 7 .rix, GS1 DataMatrix, 1 - Limited, GS1 DataBa	de 39 extended, Co Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional,	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code	EAN ADD ON,
Bar Codes 1D bar codes 2D bar codes Composite bar codes	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa	28, Code 2/5 inter de, ITF 14, Leitcode \BLOCK F, DataMat nded, GS1 DataBar led Omnidirection.	leaved, Code 39, Coc , Pharmacode, PZN 7 .rix, GS1 DataMatrix, 1 - Limited, GS1 DataBa	de 39 extended, Co Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional,	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code	
Bar Codes 1D bar codes 2D bar codes Composite bar codes Dimensions (width x height x depth)	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 mi Panel enclosure:	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar red Omnidirection. m 314 x 230 x 80 r	leaved, Code 39, Coc , Pharmacode, PZN 7 .rix, GS1 DataMatrix, 1 - Limited, GS1 DataBa	de 39 extended, Code, PZN 8 Code, Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked,	
Bar Codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 mi Panel enclosure:	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar red Omnidirection. m 314 x 230 x 80 r	leaved, Code 39, Coc , Pharmacode, PZN 7 rrix, GS1 DataMatrix, / : Limited, GS1 DataBa al, GS1 DataBar Trunc nm (without conn	de 39 extended, Code, PZN 8 Code, Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked,	
Bar Codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 mi Panel enclosure:	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar red Omnidirection. m 314 x 230 x 80 r	leaved, Code 39, Coc , Pharmacode, PZN 7 rrix, GS1 DataMatrix, / : Limited, GS1 DataBa al, GS1 DataBar Trunc nm (without conn	de 39 extended, Code, PZN 8 Code, Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked,	
Bar Codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure 11 kg Panel enclosure:	28, Code 2/5 inter de, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar ed Omnidirection m 314 x 230 x 80 r e: 287 x 127 x 250	leaved, Code 39, Coc, Pharmacode, PZN 7 rix, GS1 DataMatrix, I Limited, GS1 DataBa al, GS1 DataBar Trunc nm (without conn mm (without conn mm (without conn connection lines)	de 39 extended, Code, PZN 8 Code, Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377	
Bar Codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure 11 kg Panel enclosure: Desktop enclosure:	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar ed Omnidirection. 314 x 230 x 80 r e: 287 x 127 x 250 5.5 kg (without	leaved, Code 39, Coc , Pharmacode, PZN 7 :rix, GS1 DataMatrix, <i>I</i> : Limited, GS1 DataBa al, GS1 DataBar Trunc al, GS1 DataBar Trunc mm (without conn mm (without conn mm (without conn connection lines) connection lines)	de 39 extended, Code, PZN 8 Code, Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377	
Bar Codes ID bar codes Dibar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics Control unit	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure 11 kg Panel enclosure: Desktop enclosure:	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar sed Omnidirection m 314 x 230 x 80 r e: 287 x 127 x 250 5.5 kg (without e: 4.5 kg (without	leaved, Code 39, Coc , Pharmacode, PZN 7 :rix, GS1 DataMatrix, <i>I</i> : Limited, GS1 DataBa al, GS1 DataBar Trunc al, GS1 DataBar Trunc mm (without conn mm (without conn mm (without conn connection lines) connection lines)	de 39 extended, Code, PZN 8 Code, Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377	
Bar Codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics Control unit Connection cable	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure 11 kg Panel enclosure: Desktop enclosure:	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar sed Omnidirection m 314 x 230 x 80 r e: 287 x 127 x 250 5.5 kg (without e: 4.5 kg (without	leaved, Code 39, Coc , Pharmacode, PZN 7 :rix, GS1 DataMatrix, <i>I</i> : Limited, GS1 DataBa al, GS1 DataBar Trunc al, GS1 DataBar Trunc mm (without conn mm (without conn mm (without conn connection lines) connection lines)	de 39 extended, Code, PZN 8 Code, Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377	
Bar Codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics Control unit Connection cable Acoustic Emission (measuring distance 1 m)	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure 11 kg Panel enclosure: Desktop enclosure 0.85 kg (print mec	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar ed Omnidirection. 314 x 230 x 80 r 314 x 230 x 80 r 287 x 127 x 250 5.5 kg (without e: 4.5 kg (without hanics - control ur	leaved, Code 39, Coc, Pharmacode, PZN 7 rix, GS1 DataMatrix, I Limited, GS1 DataBa al, GS1 DataBar Trunc al, GS1 DataBar Trunc (without conn mm (without conn m	le 39 extended, Co Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines) ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377 13 kg	mm
Bar Codes ID bar codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics Control unit Connection cable Acoustic Emission (measuring distance 1 m) Average sound power level	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure 11 kg Panel enclosure: Desktop enclosure 0.85 kg (print mec	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar ed Omnidirection. 314 x 230 x 80 r 314 x 230 x 80 r 287 x 127 x 250 5.5 kg (without e: 4.5 kg (without hanics - control ur 62.3 dB(A)	leaved, Code 39, Coc, Pharmacode, PZN 7 rix, GS1 DataMatrix, I Limited, GS1 DataBa al, GS1 DataBar Trunc al, GS1 DataBar Trunc (without conn mm (without conn m	le 39 extended, Co Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines) ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377 13 kg	mm
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Bar Codes ID bar codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics Control unit Connection cable Acoustic Emission (measuring distance 1 m) Average sound power level Interfaces Serial	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure: Desktop enclosure: 0.85 kg (print mec 66.4 dB(A) RS-232C (up to 11 2.0 High Speed Sk	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar ed Omnidirection. 314 x 230 x 80 r 287 x 127 x 250 5.5 kg (without e: 4.5 kg (without hanics - control ur 62.3 dB(A) 5,200 Baud)	leaved, Code 39, Coc, Pharmacode, PZN 7 rix, GS1 DataMatrix, <i>I</i> Limited, GS1 DataBa al, GS1 DataBar Trunc nm (without conn mm (without conn mm (without conn connection lines) connection lines) ait) 63.7 dB(A)	le 39 extended, Co Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, ated ection lines) ection lines)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377 13 kg	mm
Bar Codes ID bar codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics Control unit Connection cable Acoustic Emission (measuring distance 1 m) Average sound power level Interfaces Serial USB	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 mi Panel enclosure: Desktop enclosure 11 kg Panel enclosure: Desktop enclosure 0.85 kg (print mec 66.4 dB(A) RS-232C (up to 11 2.0 High Speed Sk 10/100 Base T, LPE	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar ed Omnidirection. 314 x 230 x 80 r 314 x 230 x 80 r 287 x 127 x 250 5.5 kg (without e: 4.5 kg (without hanics - control ur 62.3 dB(A) 5,200 Baud) ave D, RawlP-Printing, E	leaved, Code 39, Coc, Pharmacode, PZN 7 rix, GS1 DataMatrix, <i>I</i> Limited, GS1 DataBa al, GS1 DataBar Trunc nm (without conn mm (without conn mm (without conn connection lines) connection lines) ait) 63.7 dB(A)	le 39 extended, Cor Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, cated ection lines) ection lines) ection lines) 68.4 dB(A)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377 13 kg	mm
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Bar Codes ID bar codes ID bar codes Dimensions (width x height x depth) Print mechanics Control unit Weight Print mechanics Control unit Connection cable Acoustic Emission (measuring distance 1 m) Average sound power level Interfaces Serial USB Ethernet 2 x USB Master Operation data Power supply Power consumption	CODABAR, Code 1 GS1-128, Identcoc Aztec Code, COD/ GS1 DataBar Expa GS1 DataBar Stack 245 x 300 x 317 m Panel enclosure: Desktop enclosure: Desktop enclosure: Desktop enclosure: 0.85 kg (print mec 0.85 k	28, Code 2/5 inter le, ITF 14, Leitcode ABLOCK F, DataMat nded, GS1 DataBar ed Omnidirection 314 x 230 x 80 r 287 x 127 x 250 5.5 kg (without e: 4.5 kg (without hanics - control ur 62.3 dB(A) 5,200 Baud) ave D, RawIP-Printing, E ternal USB keyboa	leaved, Code 39, Coc, Pharmacode, PZN 7 rrix, GS1 DataMatrix, <i>I</i> Limited, GS1 DataBa al, GS1 DataBar Trunc nm (without conn mm (without conn mm (without conn mm (without conn int) 63.7 dB(A)	le 39 extended, Cor Code, PZN 8 Code, MAXICODE, PDF 41 ar Omnidirectional, cated ection lines) ection lines) ection lines) 68.4 dB(A)	de 93, EAN 13, EAN 8, UPC-A, UPC-E 7, QR Code GS1 DataBar Stacked, 245 x 300 x 377 13 kg	mm

¹ = Transfer ribbon saving



Thermal printhead

Office

NiceLabel

Local retailer

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Swiss Business Haus . Moosäckerstraße 75 . 8105 Regensdorf Phone + 41 61 9739641. Mobile + 41 79 7448436. info@carl-valentin.ch



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