

CLS Compact Labelling System

Printing and applying in one step.





CLS COMPACT LABELLING SYSTEM

innovative . versatile . precise

- > Printing and applying in one step
- > Various mounting positions - even at the side and overhead
- > Just in time and demand-oriented product labelling in real time
- > 'Quick-Apply' function
- > Labelling onto packaging or product
- > Precision guiding for accurate positioning of labels
- > Label sizes up to 60 x 200 mm
- > Signal lamp for indication of device status
- > Label unwinding unit up to Ø 300 mm

CLS Compact Labelling System – an ideal combination.

With CLS, our key competences are combined with one another in a unique fashion: print module (ILX) and applicator unit (APX) in one system.

The printing and applying of labels can thus occur in one step. This guarantees product labelling based on actual requirements in real time - quick and direct.

From company logos via text and bar codes to finest graphics: all possible content can be optimally put on a label with the Compact Labelling System. You can even put it directly on your product. Equipped with all current interfaces, the CLS fits smoothly into your packaging system infrastructure. The robust, aluminium construction ensures the maximum process reliability and guarantees the best print results at all times, even in challenging work environments.

> Printing and applying in one step

Simple, quick and flexible - In this way, you benefit from the combination of our competences in label printing. CLS stands for product labelling based on actual demands in real time. Almost all customer demands can thus be addressed individually.

> Different installation positions are possible

The CLS system can be integrated into practically every packaging system. As a result, the respective products can be labelled classically from above, but also from the side or even overhead – an almost limitless variety of application options.



ILX

- > Right and left version
- > Robust construction in aluminium and stainless steel
- > Multilingual operating and display unit, rotatable and displaceable (dependent on installation position)
- > Integrated transfer ribbon rewinder
- > External inputs/outputs for simple integration in packaging machines



APX

- > Right and left version
- > Variable product heights
- > Label transfer: stamp on, blow on, roll on
- > Labelling from top, bottom and from side
- > Service unit
- > Swing-type applicator

	ILX 56/8	ILX 54/12
Printing		
Print resolution	200 dpi	300 dpi
Print speed	max 250 mm/s	max 250 mm/s
Print width	max 56 mm	max 54 mm
Passage width	max 65 mm	max 65 mm
Printhead	Flat Type	Flat Type
Labels		
Adhesive labels, continuous labels	roll or fan-fold: paper, cardboard, textile, synthetics	
Material weight	max 220 g/m ² (larger on demand)	
Label width	min 20 mm	
Label height	min 15 mm	
Label height	max 3000 mm (higher on demand)	
Roll diameter internal rewinder external unwinder	max 150 mm max 300 mm (option)	
Core diameter	40 mm / 75 mm (option)	
Winding	outside or inside	
Label sensor	transmission	
Transfer ribbons		
Ink	outside or inside	
Core diameter	25.4 mm / 1"	
Roll diameter	max Ø 80 mm	
Length	max 500 m	
Width	max 55 mm	
Fonts		
Font types	6 bitmap fonts + 6 vector fonts/TrueType fonts 6 proportional fonts more fonts on demand	
Bar codes		
1D bar codes	CODABAR, Code 128, Code 2/5 interleaved, Code 39, Code 39 extended, Code 93, EAN 13, EAN 8, EAN ADD ON, GS1-128, Identcode, ITF 14, Leitcode, Pharmacode, PZN 7 Code, PZN 8 Code, UPC-A, UPC-E	
2D bar codes	CODABLOCK F, DataMatrix, GS1 DataMatrix, MAXICODE, PDF 417, QR Code	
GS1 bar codes	GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Truncated	
Dimensions		
width x height x depth	201 x 232 x 375 mm	
Weight		
Weight	8.7 kg	
Interfaces		
Serial	RS-232C (max 115,200 baud)	
Parallel	Centronics (SPP)	
USB	2.0 High Speed Slave	
Ethernet	10/100 Base T, LPD, RawIP-Printing, DHCP, HTTP, FTP	
2 x USB Master	connection for external USB keyboard and memory stick	
Operating conditions		
Nominal voltage	110 – 230 V / 50 – 60 Hz	
Power	max 150 VA	
Operating temperature	5 – 40 °C	
Relative humidity	max 80 % (non-condensing)	

APX 7000

Label transfer/operating modes	Stamp on	Blow on	Roll on
Label width	20 – 60 mm	20 – 60 mm	20 – 60 mm
Label height	15 – 210 mm	15 – 100 mm	70 – 210 mm
Label height universal pad	15 – 80 mm	15 – 80 mm	70 mm
Utilizable cylinder stroke			
200 mm cylinder	170 mm	170 mm	200 mm
300 mm cylinder	270 mm	270 mm	300 mm
400 mm cylinder	370 mm	370 mm	400 mm
500 mm cylinder	470 mm	470 mm	500 mm
Compressed air pressure	5 bar	5 bar	5 bar
Product surface	flat	flat	flat
Product height variable	●	–	●
Product height fixed	●	●	●
Product fixed	●	●	–
Product linear movement	–	●	●
Labelling from top	●	●	●
Labelling from bottom	●	●	●
Labelling from the side	●	●	●
Retraction depth	25 mm	–	–
Direction	right and left version		
Compressed air control/vacuum control	available		
Service unit	filter regulation with manometer and block valve		
Voltage supply/current supply	by label printing systems		
Dimensions APX (W x H x D)	237 x 423 x 126 mm		
Weight APX	5 kg		

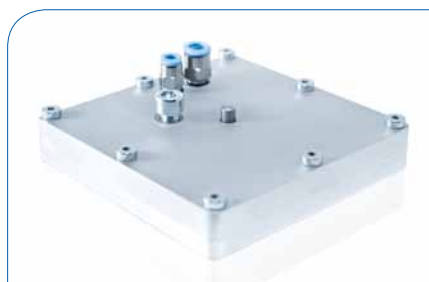
CLS

Dimensions CLS (W x H x D)	360 x 536 x 596 mm
Weight CLS	15 kg
Cycle time (approx. cycles/min.)	35

Tamp pad



Blow pad



Roll-on pad





Local retailer

Branches:

Sales office Stuttgart

Zeppelinstraße 4 . 71157 Hildrizhausen

Phone +49 (0)7034 654223 . Fax +49 (0)7034 654225 . mfeil@carl-valentin.de

Sales office Munich

Marienplatz 8a . 83043 Bad Aibling

Phone +49 (0)8061 3498888 . Fax +49 (0)8061 3499127 . rstreck@carl-valentin.de

Sales office Spain

C/Cabo Santiago Gómez, 3 Esc. Dcha. 22 B . 15004 La Coruña

Móvil +34 (0)609022241 . mlano@carl-valentin.es . www.carl-valentin.es



Carl Valentin GmbH

Neckarstraße 78–86 u. 94

78056 Villingen-Schwenningen

Phone +49 (0)7720 9712-0 . Fax +49 (0)7720 9712-9901

info@carl-valentin.de . www.carl-valentin.de

