SPX II Series

High-performance print module designed for labelling in production lines

Using the SPX II series print module, labels, textiles and plastic materials can be printed on with a high resolution both in the dispensing mode and continuous operation mode. The assembly of the print module is possible both in a horizontal and vertical installation position and, due to its detachable and mobile control unit, the print module can be easily integrated into almost any packaging system.

The print modules designed for high-speed applications with a high throughput of labels are particularly suited for printing and application systems such as mail sorting systems, pallet labelling and labelling of electronic components.

In addition to the current printheads for thermal transfer printing, durable printheads are offered in particular for thermal direct printing.

In the development process of the SPX II series, great attention was paid to ensure that both housing and printing mechanics are made of high-quality materials and thus guarantee a high level of reliability, even under harsh operating conditions.

» SPX II Series

» Right-Hand and Left-Hand Versions

The SPX II high-performance print modules are pure printing systems to be integrated into existing labelling systems. The module prints and dispenses in every installation direction and was developed particularly for labelling round-the-clock. The models of SPX series are available in both versions: right hand and left hand.

» Powerful Ports

The print modules of SPX II series are equipped with four efficient internal standard interfaces. In addition to a serial, parallel and USB interface an internal LAN interface for network connection was added. For wireless data transmission the printer can be equipped with a WLAN interface optionally. Moreover an USB host for connection of an USB keyboard or a memory stick is integrated at the control unit.

» Stainless Steel Housing

In order to be able to provide individual industry solutions for food, beverage, chemical and pharmaceutical industries and medical engineering etc., the housing of all SPX II series devices can, on request, be made of stainless steel which meets the highest of hygiene standards.

» Pneumatic Spring

In the housing cover, a damping mechanism has been integrated to avoid unintentional closing and/or opening of the cover. When folded open, the cover is cushioned for a soft end stop. Adjacent components are protected from damage.

Technical Data

SPX II Series	SPX II 104/8	SPX II 106/12	SPX II 162/12
Print Resolution	203 dpi	300 dpi	300 dpi
Print Speed	max. 300 mm/s	max. 300 mm/s	max. 200 mm/s
Print Width	104 mm	105.7 mm	162.2 mm
Passage Width	116 mm	116 mm	176 mm
Printhead	Flat Type	Flat Type	Flat Type
ACOUSTIC EMISSION (measuring distance 1 m)			
Average Sound Power Level	62.3 dB(A)	63.7 dB(A)	65.1 dB(A)
DIMENSIONS (mm)			
Width x Height x Depth	245 x 300 x 400	245 x 300 x 400	245 x 300 x 460
Weight	12 kg	12 kg	14 kg
INTERFACES			
Serial	RS-232C (up to 115200 bauds)		
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		
WLAN (option)	Card 802.11b/g WEP/WPA PSK (TKIP)		
OPERATING CONDITIONS			
Nominal Voltage	110-230V / 50-60 Hz		
Power	520 VA		
Current	230 V – 2.3 A / 110 V – 5 A		
Fuse Values	230 V – 3.15 AT / 110 V – 5 AT		
Operating Temperature	5-35 °C		
Humidity	80% (non condensing)		

Technical data subject to change

Standard Equipment

- Thermal or thermal transfer version
- Right and left version
- Detachable, mobile control unit
- Inputs/Outputs
- USB host for connection of an external keyboard and an USB memory stick
- Ports: RS-232, Centronics, USB and Ethernet
- Slot for CF card

Optional Equipment

- External rewinder for backing paper
- External unwinder for labels
- WLAN interface
- Applicator preparation
- RFID
- Dispenser unit without photocell
- Stainless steel casing