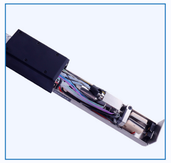


S200 plus Series
Continuous Inkjet Printer

S200 plus series continuous small character inkjet printer is designed for high quality printing and improving production line effectively.
Its print head adopts Independent structure design, and the stainless steel chassis, which can maintain reliable operation in harsh production environment as well as improve the production line effectively.

Print Head



The nozzle valve adopts direct sealing nozzle hole structure, effectively prevent the ink leakage.

Ink System



Double-head pump design makes more stable and durable. White ink machine has double mixing system to prevent the pigment ink precipitation.

Main Hardware



The main board with newest structure has superior performance of function and stability, and the EHT is dustproof and waterproof, better to deal with the harsh and complex environment.

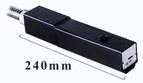
External Interface



With grade of IP68, the interface not only supports RS232, network port, but also the counter reset, information control and other functions.

S200 plus Series

Print Head



Front view



Side view



Screen



Technical Parameters

Printing Parameters

Print Head Duct	3m/6m
Nozzle Specifications	40u、50u、60u、75u、85u
Printing Height	2~20mm
Printing Distance	3~30mm
Printing Lines	1~5 lines
Printing Speed	384m/min
Counter	More than 20 independent counters
Ink Color	Black, Red, Blue, Green, White, Invisible
Ink Type	High adhesion, Migration resistance, High temperature resistance, Special for glass, Permeability, Food grade, Oil resistance
Font	5×6L 7×6L 7×10L 9×8L 9×11L 11×11L 16×16L 24×24L 32×32L 11×11B 16×16B 24×24B 32×32B
Printing Material	Carton, Plastic, Metal, Boarding, Pipe, Stone, Cable, Glass, Electronic components, Auto parts, Industrial chemical packaging, Medical / Food / Gift box
Print Content	Text,Time, Date(Julian Year), Logo, Shift, SN, Dynamic Barcode/QR Code, Dynamic Serial Data, Dynamic Database(Additional content can be added as required)

Machine Parameters

Operating System	Embedded Linux security operating system
Display Screen	10.1-inch color display, industrial touch screen
Communication Interface	Network port, USB, RS232
Protection Level	IP55
Power Parameters	Input 100-240V AC
Rated Power	150W
Memory	256M
Machine Material	304 stainless steel
Machine Specifications	447mm×242mm×650mm(Length×width×height)
Working Environment	Temperature 0-45℃/ Humidity 30-70%Rh
Related Certification	RoHS、CE、BIS
Net Weight	30kg
Main Hardware	American TI AM3358 industrial grade CPU, American Xilinx Spartan-6 industrial grade FPGA
External Interface	Optical sensor, Encoder, Reverse and upside down control, Signal light alarm output, Serial number output control, External printing information selection
Support Language	Support more than 40 national languages (Chinese, English, Arabic, Danish, German, Russian, French, Finnish, Korean, Japanese, Spanish, Italian, etc.)

Applications



Printing Samples

5X6	ABCDEFG 12345 5X5
7X6	ABCDEFG 12345 6x7
7X10	ABCDEFG 12345 10x7
9X8	ABCDEFG 12345 8X9
9X11	ABCDEFG 12345 11X9
11X11L	ABCDEFG 12345 11X11
11X11B	ABCDEFG 12345 11X11B
16X16L	ABCDEFG1234516X16L
16X16B	ABCDEFG1234516X16B
24X24L	ABCDE12345 24X24L
24X24B	ABCDE12345 24X24B
32X32L	ABCDE1234532X32L
32X32B	ABCDE1234532X32B
5X6(5lines)	
7X6(2lines)	QWERTYUIOP 20210414 1234567890 20210414
7X6(3lines)	QWERTYUIOP 20210414 1234567890 20210414 ABCDEFGHIJKLMNOPQ123456789
7X6(4lines)	ABCDEFGHIJKLMNOPQ 1234567890QWERTYU 20210413 1:30:30.48 567543421OPOIUYTR
LOGO	
Tower	
DM Codes	
Barcodes	

Speed Sheet

Nozzle Size	Modulation Frequency	Dots Spacing	DOTS	HS			ST			HQ			PQ		
				Used Dots Per Column	Max Rate	Maximu Printing Speed (m/min)	Used Dots Per Column	Max Rate	Maximu Printing Speed (m/min)	Used Dots Per Column	Max Rate	Maximu Printing Speed (m/min)	Used Dots Per Column	Max Rate	Maximu Printing Speed (m/min)
75	64000 (*Standard Printer)	0.5	5	5	12800	384				6	10667	320			
			7	7	9143	274				8	8000	240			
			9				9	7111	213						
			11	13	4923	148				19	3368	101			
			16							34	1882	56	46	1391	42
			21							70	914	27			
			24				61	1049	31	85	753	23			
			25							95	674	20			
			26				60	1067	32	100	640	19			
			32				83	771	23	127	504	15			
			34							137	467	14			
60	64000 (*Standard Printer)	0.5	5	5	12800	384				6	10667	320			
			7	7	9143	274				8	8000	240			
			9				9	7111	213						
			11	13	4923	148				19	3368	101			
			16	20	3200	96				34	1882	56	46	1391	42
			21							70	914	27			
			24				61	1049	31	85	753	23			
			25							95	674	20			
			26				60	1067	32	100	640	19			
			32				83	771	23	127	504	15			
			34							137	467	14			
50	96000 (*Standard Printer)	0.3	3							6	16000	288			
			5	5	19200	346				6	16000	288			
			7	7	13714	247				8	12000	216			
			9				9	10667	192						
			11	13	7385	133				19	5053	91			
			16	20	4800	86				34	2824	51			
			24				51	1882	34	85	1129	20			
			25							95	1011	18			
			26				60	1600	29	100	960	17			
			32				83	1157	21	127	756	14			
40	128000 (*Pp Printer)	0.3	5	5	25600	461				6	21333	384			
			7	7	18286	329				8	16000	288			
			9				9	14222	256						
			11							19	6737	121			
			16							34	3765	68			
			21							70	1829	33			
			24							85	1506	27			