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Label printer
for thermal direct printing

SQUIX
Made in Germany

Thermal direct printers with left-aligned material guidance



SQUIX 4.3 TD - Basic device providing a tear-off plate

They print on labels or on continuous materials wound on rolls or fanfold. Materials are torn off on a jagged plate. Cutting is an option, so is external rewinding.

Thermal direct printer		SQUIX 4.3 TD	
Printable resolution	dpi	203	300
Print speed	up to mm/s	250	250
Print width	up to mm	104	108.4



SQUIX 4.3 PTD - Peel-off device providing a rewriter internally

Peeling off labels is a feature added to a basic version. Labels are separated from the liner after printing to be removed by hand or by an applicator.

Thermal direct printer		SQUIX 4.3 PTD	
Printable resolution	dpi	203	300
Print speed	up to mm/s	250	250
Print width	up to mm	104	108.4



The mechanical design, the electronics and the software correspond to the SQUIX series.



For further data see also the Internet:
www.cab.de/en/squix

Plunger

For a longer printhead service life the pressure force of the plungers is reduced. Compared to the standard, the plungers are black.

Thermal direct printer SQUIX 4.3/300PTD, peel-off device providing a rewriter internally

Technical data

● typical ■ standard □ option

Label printers		Type	SQUIX 4.3 TD / SQUIX 4.3 PTD	
Material guidance			left-aligned	
Printing method	Thermal direct		●	
Printable resolution	dpi		203	300
Print speed	up to mm/s		250	250
Print width	up to mm		104	108.4
Initial print	Distance to locating edge	mm	2.8	1.2
Thermal direct material¹⁾				
Thermal direct paper, thermal direct cardboard			●	
Packing	wound on a roll, fanfold		●	
	Roll diameter	up to mm	205	
	Core diameter	mm	38.1 - 76	
	Winding		outside or inside	
Labels	Width	mm	20 - 116	
	Height	from mm	10	
	label backfeed peel-off	from mm	20	
	Thickness	mm	0.05 - 0.1	
Liner	Width	mm	24 - 120	
	Thickness	mm	0.05 - 0.1	
Continuous material	Width	mm	24 - 120	
	Thickness	mm	0.05 - 0.5	
	Weight (cardboard)	up to g/m ²	300	
Internal rewriter provided on peel-off devices				
Outside diameter	up to mm		142	
Core diameter	mm		40	
Winding			outside	
Printer dimensions and weights				
Width x Height x Depth	mm		252 x 288 x 460	
Weight	kg		10	
Label sensors to indicate positions				
Transmissive sensor		detecting	labels or punch marks and materials ending, print marks	
Reflective sensor	reflex from below or top	detecting	labels and materials ending, print marks on non-translucent materials	
Sensor distance	to locating edge	left-aligned mm	5 - 60	
Material passage		up to mm	2	
Interfaces				
RS232-C	1,200 to 230,400 baud / 8 bit		■	
USB 2.0 Hi-Speed device	to connect a PC		■	
Ethernet	10/100 Mbit/s		LPD, RawIP printing, SOAP webservice, OPC UA, WebDAV DHCP, HTTP/HTTPS, FTP/FTPS, TIME, NTP, Zeroconf, SNMP, SMTP, VNC	
1 USB host	on the operation panel	to plug a	service key, USB memory stick, USB WLAN stick, USB Bluetooth adapter	
2 USB hosts	on the back of the device	to plug a	keyboard, barcode scanner, USB memory stick, USB WLAN stick, USB WLAN stick with a rod antenna, USB Bluetooth adapter, an external operation panel	
USB host	24 VDC, to plug peripherals		■	
Digital I/O interface	providing 8 inputs and outputs		□	
Operating data				
Voltage			100 - 240 VAC, 50/60 Hz, PFC	
Power consumption			<10 W in standby / typical are 100 W	
Temperature / humidity		Operation	+5 - 40°C / 10 - 85 %, not condensing	
		Stock	0 - 60°C / 20 - 85 %, not condensing	
		Transport	-25 - 60°C / 20 - 85 %, not condensing	
Approvals			CE, FCC Class A, ICES-3, cULus, CB, CoC Mexico, CCC, EAC, BIS, BSMI, KC-Mark	
Operation panel				
Colored LCD	Screen diagonal	"	4,3	
touch display	Resolution Width x Height	px	272 x 480	



¹⁾ Specifications are standard values. Applications with small or strongly adhesive labels have to be tested, so are thin, slim, thick or stiff materials.




For further data see also the Internet:
www.cab.de/en/squix

Delivery program




Thermal direct printers

Pos.		Part no.	Designation
1.1		5977052	SQUIX 4.3/200TD label printer
		5977053	SQUIX 4.3/300TD label printer
		5977054	SQUIX 4.3/200PTD label printer
		5977055	SQUIX 4.3/300PTD label printer

Scope of delivery	
	Label printer Power cable type E+F, 1.8 m Connecting USB cable, 1.8 m Instructions DE / EN








Provided online	
	Instructions Configuration manuals DE / EN / FR Service manuals DE / EN Spare parts lists DE / EN Programming manual EN Windows printer drivers certified WHQL for Windows Vista Server 2008 Windows 7 Server 2008 R2 Windows 8 Server 2012 Windows 8.1 Server 2012 R2 Windows 10 Server 2016 Server 2019
	cablabel S3 Lite software cablabel S3 Viewer Database Connector
https://setup.cab.de/en	

Optional equipment




Pos.		Part no.	Designation
3.1		5977585.xxx	Present sensor PS800
3.2		5977538.xxx	Present sensor PS 4/900
3.3		5977767.xxx	Digital I/O interface

xxx - .250 assembled to a printer
.001 separate delivery
resp. spare part

Accessories

Pos.		Part no.	Designation
2.1		5977370	SD memory card
2.2		5977730	USB stick
2.3		5978912	USB WLAN stick 2.4 GHz 802.11b/g/n
2.4		5977731	USB WLAN stick with a rod antenna 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac
2.5		5977732	USB Bluetooth adapter
2.6		5917651	I/O interface plug, SUB-D, 25 pins
2.7		5954985.001	DRS4 print roller
2.8		6010186	External operation panel
		5907718	Connecting USB cable, length 1.8 m
		5907730	Connecting USB cable, length 3 m
		5907750	Connecting USB cable, length 5 m
		5907760	Connecting USB cable, length 11 m
5907765	Connecting USB cable, length 16 m		
2.9		5978909	Reflective product sensor
2.10		5948205	Label selection - I/O box
2.11		5977840	Scanner CC200-SQ
4.1		5550818	Connecting RS232-C cable 9/9 pins, length 3 m
5.1		5984550	Cutter CSQ 401
		5984565	Cutter CSQ 402
6.1		5948102.597	External rewinder ER1/210
		5943251.597	External rewinder ER2/210

Wear parts

Pos.		Part no.	Designation
		5977382.001	Print head 4.3/200
		5977383.001	Print head 4.3/300
		5954180.001	DR4 print roller
		5954183.001	RR4 deflection roller



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