

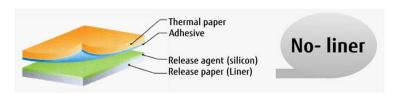
Linerless label printer

FP-2000L

Under Development Planned release schedule: January 2021



#### **Printing linerless label printer**



Have you ever had a mistake like this for your customer?

Missed to pass the ordered item...

Passed the wrong item···





### Linerless label printer solves these problems!

Reducing of complexity for user's operations

Example of usage cases

Restaurant, Burger Shop, Coffee shop, Fried Chicken/Pizza/Bakery Shop









Order contents are made visible between the customer and the staff.



# Other case: "New-normal" operation

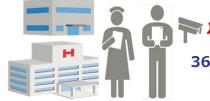


# Ticket for temperature measurement at building entrance (Simple body temperature certificate)



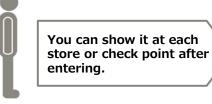












Hospital, Mall, Company, various usage scene

Linerless label

## **Main specifications**

Printing Technology Direct Line		e Thermal Method	
Print Resolution	8 dot/mm	8 dot/mm (0.125mm/dot) 203dpi	
Printing Speed (Monochrome only)	Linerless I	Linerless Label Paper: 150mm/s, Thermal Paper: Maximum 230mm/s	
Paper Feed-out Direction Top feed of		out	
Cutter Method	Partial cut	Partial cut	
Installation Direction	Two ways	Two ways (Horizontal / Vertical)	
Paper	Outer Dia	Paper width: 80mm, 58mm, 50mm (Linerless Label Paper / Thermal Paper) Outer Diameter of Roll Paper: less than φ83mm (Linerless Label Paper / Thermal Paper) Paper Thickness: 84μm(Linerless Label Paper), 65μm - 85μm(Thermal Paper)	
Interface(*1)	USB(2.0 F	Full-speed), RS232C Serial(9pins, 25pins), Wired LAN(10BASE-T/100BASE-TX),	
Acoustic Noise Less than		55 dB(A)	
Paper Sensors	Paper End	d, Paper Exit Sensor Available	
Internal Buzzer	Available	Available to notice errors, printer status (Print Start/Print End/Paper Exit waiting)	
Software Interface	ESC/POS	emulation	
Software features		180dpi font mode, 16 Gray Scale printing, Logo Store Memory Max. 1088KB, Font A (12x24dots), Font B (10x24dots or 9x24dots), Font C (8x16dots), Two-dimensional code: QR code, PDF417, DataMatrix	
Drawer Interface	2 Drawers Controllable		
MCBF (Mean-cycle-between-failure)		Linerless Label Paper: 30million lines / Thermal Paper: 60million Lines	
MTBF		Main Board: 360,000H	
Printer Mechanism Life		10 million line-feed	
Consumable Life	Print Head	Linerless Label Paper: 75km / Thermal Paper: 150km	
	Cutter (*)	Linerless Label Paper: 0.3million cuts / Thermal Paper: 1.5million cuts	
Power Requirements		24V±10% (AC Adapter) 100 - 240V, 50/60Hz, Single Phase	
Power Consumption (USB I/F only)		during standby:1 W or less / 40 mA / Average during operating : 30 W or less / 1 A	
Ambient Temperature		Operation guarantee: 0 °C to 40°C / Print quality guarantee: 5 °C to 35°C	
Relative Humidity		Operation guarantee: 10 % RH to 95% RH / Print quality guarantee: 10 % RH to 85% RH	
Dimensions		5.0(W)x6.8(D)x4.9(H) inch	
Weight (without the packing box)		Under 1.0kg	
Cover Color		Ocean Black & Royal White	
Software Windows Dr		Driver, Printer Utility, SDK(Android, iOS)	

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