

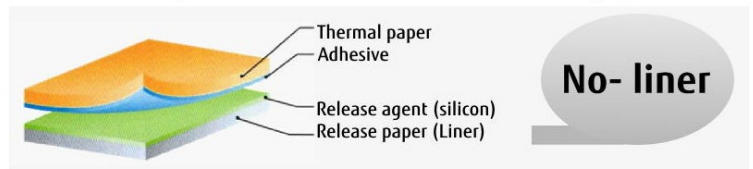
Linerless label printer

FP-2000CL

NEW Release



Linerless label composition



Have you ever made a mistake like this?

- Forgot to turn in the order?
- Served the wrong order?



The FP-2000CL printer solves this problem!

- Easy to operate
- Application examples:
Full service and Fast-Food restaurants, coffee shops, bakeries, etc.



Wait staff

Kitchen staff

Customer

Current – standard receipt paper



Order

- Taking the order
- Adding options

Transaction



Using FP-2000CL

Order submission RISK!

- Lost in a crowded kitchen
- Misplaced orders and products
- Errors from handwritten orders

Eliminate mistakes!

Linerless labels can be...

- Order receipts
- Identification tags
- Delivery tags

Creates higher customer satisfaction!

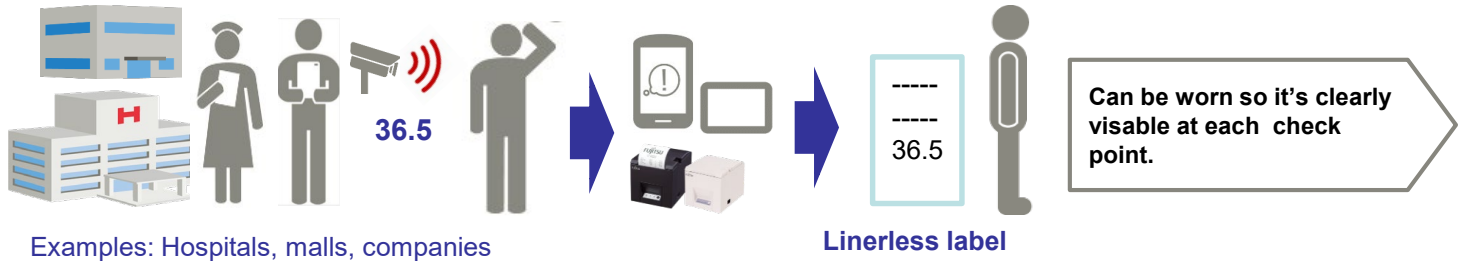
Just put it on the tray, cup or bag

Transparent ordering process between customer and staff



New Application: “New-normal” operations

Ticket of temperature taken at building entrances
(Printing simple body temperature certificate)



Examples: Hospitals, malls, companies

Linerless label

Main specifications

Printing technology	Direct Line Thermal Method
Print resolution	8 dot/mm (0.125mm/dot) 203dpi
Printing speed (Monochrome only)	Linerless label paper: 150mm/s Thermal paper: maximum 230mm/s
Paper feed-out direction	Top feed out
Cutter method	Partial cut
Installation direction	Two ways (horizontal / vertical)
Paper	Paper width: 80mm, 58mm, 50mm (linerless label paper / thermal paper) Outer diameter of paper roll: less than φ83mm (linerless label paper / thermal paper) Paper thickness: 84μm (linerless label paper), 65μm - 85μm (thermal paper)
Interface (*1)	USB (2.0 full-speed), RS232C Serial (9pins, 25pins), Wired LAN (10BASE-T/100BASE-TX),
Acoustic noise	Less than 55 dB(A)
Paper sensors	Paper end, paper exit sensor available
Internal buzzer	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 (12x24 dots), font B (10x24 dots or 9x24 dots), font C (8x16 dots), 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 driver, printer utility, SDK (Android, iOS)

Note: *1:

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