

*Thermal printers*

# FP-410 FP-350

Meeting all your worldwide printing needs

■ POS Printer

■ Ticket Printer

- Travel ticket printing in transportation services such as airline, train and bus services
- Admission ticket printing in Public attractions such as museum, amusement parks and zoos
- Waiting ticket printing in place such as the post office, bank, hospital etc.

■ Restaurant System Printer

- Order ticket printing

■ Label Printer

- Label printing in office
- Product label printing in shops, factory, etc.

■ Integrated Printer for industrial purposes

- ATM Printer
- Kiosk Printer
- For printing in any other industrial applications

## Evolving towards perfection



FP-410/FP-350

**FUJITSU**

THE POSSIBILITIES ARE INFINITE



# Thermal printers FP-410 FP-350

Printing



Cover Open



Black Cover Model



Mechanism Model



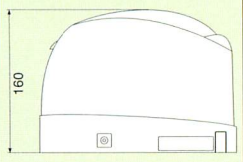
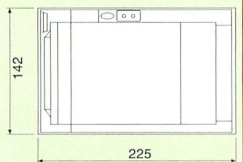
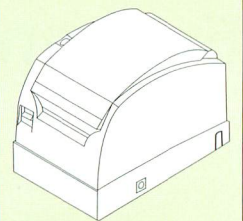
## Features

- Quiet operation and High Speed Printing (180mm/sec) \*
- User-friendly Front Feed-out
- Large diameter roll paper available (Max.  $\phi$ 102mm) \*
- Two types of roll paper available (80mm wide and 58mm wide)
- Two colour printing available
- Thick Paper (Ticket/Label) available

\*Available in FP-410 only.

Model Name		FP-410	FP-350
Print Method		Direct Line Thermal Recording Method	
Dot Density		8dot/mm	
Paper Feed-out Direction		Front feed out	
Print Speed	Mono colour	Max. 180mm/s	Max. 150mm/s
	Two colour	Max. 80mm/s	
Print Width	58mm Paper	48mm(32column), 52.5mm(35column)	
	80mm Paper	72mm(48column), 64mm(42column)	
Possible Characters	58mm Paper	Font A(32/35 column), Font A(38/42 column), Font A(48/52 column)	
	80mm Paper	Font A(42/48 column), Font A(51/57 column), Font A(64/72 column)	
Paper Roll Entry Method		Drop-in	
Utility Function		Auto Paper Cut(Partial Cut), Drawer Kick Control, Product Monitor *2, Paper Near End Detection *3, Black Mark Detection(Option:LAN model excluded.)	
Interface (*1)	RS232C	Serial interface 25pins with power supply	
	Centro	Parallel interface 36pins	
	USB	USB1.1 interface (Type A $\times$ 2port, Type B $\times$ 1port)	
	LAN	TCP/IP(10BASE-T/100BASE-TX 1Port)	None
Software Interface		ESC/POS™	
Product Life	MTBF	25 million lines or 5year (Mono colour Printing)	
	Print Head	150km(Mono colour), 75km(Two colour)	
	Printer Cutter	2 million cuts	
Body colour (2 Types)		White or Black with coating.	White or Black without coating.
Weight		Approx. 1.8 Kg.	Approx. 1.8 Kg.
Outer size		142mm(W) $\times$ 225mm(D) $\times$ 160mm(H)	
Character Type		ANK(95chrs), International Character(37chrs), Enlarged Graphics(128chrs $\times$ 7pages), Download Character(96chrs), User-Defined Character(94chrs) JIS1 kanji (2965chrs), JIS2 kanji (3388chrs), Non-kanji(524chrs)	ANK(95chrs), International Character(37chrs), Enlarged Graphics(128chrs $\times$ 7pages), Download Character(96chrs)
RoHS+Fujitsu Environmental Assessment		Standard	
EMI Standard		FCC Class A, UL, CSA, TUV, CE Mark, CCC, C-tick	
Environmental condition		5-40°C, 10-85%(RH) (at running, no condensation)	
Paper Spec	Form	Roll Form	
	Thickness	75-90 $\mu$ m	
	Width	58mm, 80mm	
	Roll Diameter	Max. $\phi$ 102mm	Max. $\phi$ 83mm
Power Consumption		Approx. 44W	
Printer Driver		Windows Driver, OPOS Driver OS:Windows Sever™2003, Windows®XP, Windows®2000, Windows®NT4.0 Windows®Me, Windows®98, Windows®95	

## Dimensions



This mark has been indicated to Fujitsu Isotec Green Product conformed to its internal standard



**ENERGY STAR Compliance**  
As an ENERGY STAR Partner, Fujitsu Isotec Ltd has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

\* 1 Each model can have one type of interface.

\* 2 Host system is required to monitor the operational information of printer.

\* 3 Available in FP-410 only.

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