

# FM Series Easy Loading Cutter

## Thermal printing mechanism with Easy Loading Cutter

### Specifications

#### FM324

#### FM324-ELC

Printing method	Thermal	Thermal
Number of dots	576	576
Resolution (dots/mm)	8	8
Printing width (mm)	72	72
Paper width (mm)	80 +0/-1	80 +0/-1
Paper thickness (µm)	63 ± 5	63 ± 5
Paper weight (g/m <sup>2</sup> )	55 ± 4	55 ± 4
Paper loading	Easy loading	Easy loading
Printing speed max. (mm/s)	200	200
Paper detection	Opto sensor	Opto sensor
Temperature detection	Thermistor	Thermistor
Head-up or Cover-open detection	Opto sensor	Opto sensor
Voltage range (Logic/Head)	3.0-5.25 V   24-25 V	3.0-5.25 V   24-25 V
Dot resistance (Ohm)	800 ±3%	800 ±3%
Energy per dot (mJ)	0.20	0.20
Stepper motor (Ohm)	Double Bipolar (12)	Double Bipolar (12)
Life/reliability	100 km/ 100M Pulses	100 km/ 100M Pulses
Operating temperature (°C)	-10 to +50	-10 to +50
Operating humidity	10 to 90 (no condensation)	10 to 90 (no condensation)
Weight (g.)	57	approx. 150
Dimensions (WxDxH mm max.) (Main unit and fixed blade included, cable excluded)	95.4x32.7x15.3	110x55x25
Cutter life (cuts)	-	1 M
Cutting method	-	Guillotine
Cutting type	-	Full and partial
Cutting time (ms)	-	300ms (@ 24V)
Cutting pitch (mm) min.	-	10
Cutting frequency max. (cuts/min)	-	120
Cutter home position	-	Mechanical Switch



### Features

- Patented Easy Loading and Easy Door
- Opening System with the Easy Loading
- Cutter integrated
- Ultra light and compact design
- Printing speed up to 200mm/s
- TPH life of 100 km
- Cutter performing 120 cuts/min and featuring more than 1 M cuts life

### Applications

- Calculators
- Data terminal devices
- EFT POS
- Fiscal printers
- Hand held terminals
- ID automation
- Measuring instruments and analysers
- Medical equipment
- Ticketing

### Options

- Chip Set
- Temp. extention
- Cutter