

CAP Series

CAPC235 & CAPC245

The CAPC series auto cutter assembled printer unit mounts a sliding auto cutter and can mount a fixed cutter blade and a movable cutter blade separately. This printer is a printer adopting a thermal line dot printing method and is used in ECR and POS markets as a compact and high speed printer.

- High resolution (6 dots for CAPC234 and 8 dots/mm for CAPC245) for clear and precise printing
- “Easy-Paper-Operation” with latch function
- Built-in autocutter unit
- Maintenance-free with a long life (50 km print length and 500 thousand times of paper cutting)
- Low noise printing



CAPC

Model	CAPC235	CAPC245
Print method	Thermal dot line printing	
Dots per line	288 dots	384 dots
Resolution	6 dots/mm	8 dots/mm
Maximum printing speed*1	60 mm/s	65 mm/s
Print width	48 mm	
Paper width	58 mm	
Head temperature detection	via thermistor	
Head-up position detection	via mechanical switch	
Out-of-Paper detection	via photo interrupter	
Cutter home position detection	via mechanical switch	
Operating voltage range		
V _p line (for head and motor drive)	5.0 V to 8.0 V	
V _{dd} line (for head logic)	5 V ± 5%	
Printer current consumption		
For driving the head (V _p)	4.6 A (at 8.0 V)*2 max.	4.3 A (at 8.0 V)*3 max.
For driving the motor (V _p)	Maximum: 0.82 A	
For head logic (V _{dd})	Maximum: 0.1 A	
Auto cutter current consumption		
Motor drive (V _p)	Maximum: 2.2 A	
Paper cut method	Slide method	
Paper cut type	Partial cut	
Minimum cut amount	10 mm	
Cutting time	1 s max./cycle	
Operating temperature range	0°C to 50°C, no condensation	
Storage temperature range	-20°C to 60°C, no condensation	
Longevity (at 25°C and rated energy)		
Activation pulse resistance	50 million pulses or more	100 million pulses or more
Abrasion resistance	50 km or more (excluding damages due to dust or a foreign substance)	
Paper cutting resistance	500 thousand cuts or more	
Paper feeding force	0.49 N (50 gf) or more	
Paper holding force	0.78 N (80 gf) or more	
Dimensions (width x depth x height)	77.1 x 88.6 x 29.0 mm (excluding convex parts)	
Weight	Approximately 220 g	

*1 The maximum printing speed varies according to the processing speed of the controller and printing pulse width.

*2 When the number of simultaneously activated dots is specified as 144.

*3 When the number of simultaneously activated dots is specified as 96.