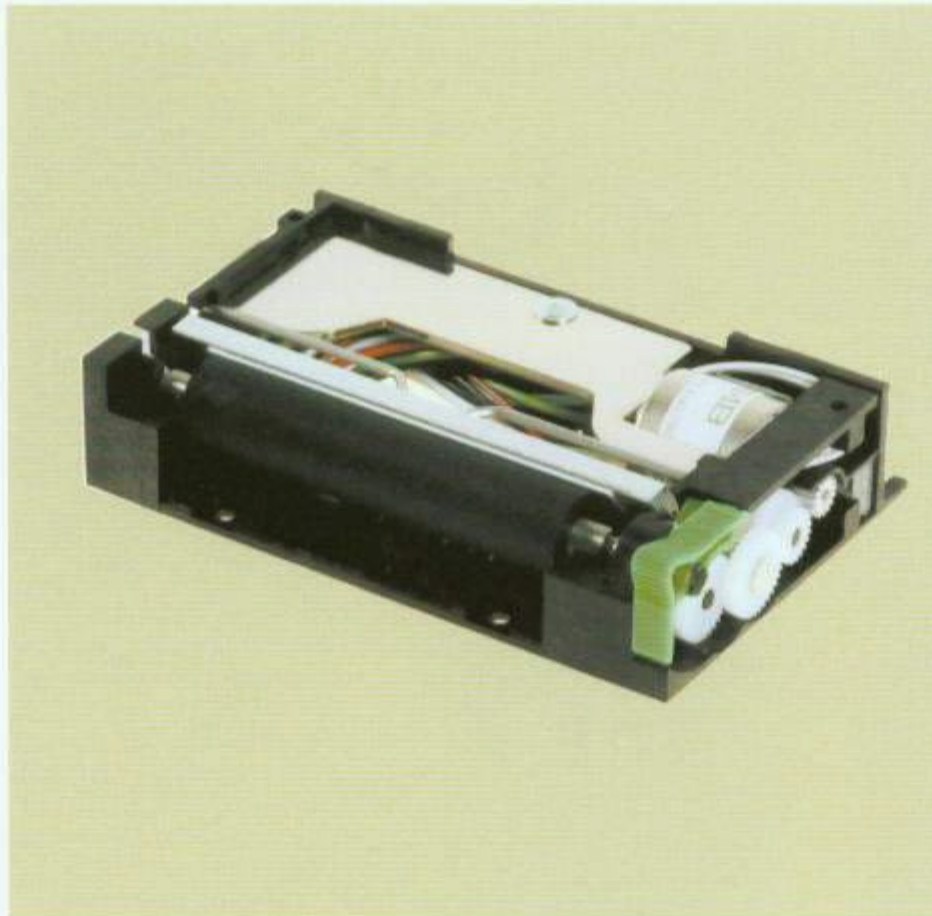




ADVANCED PRINTING SYSTEMS, LTD.

CP200 Series

THE MOST COMPLETE THERMAL PRINTING SOLUTION IN 2"



FEATURES

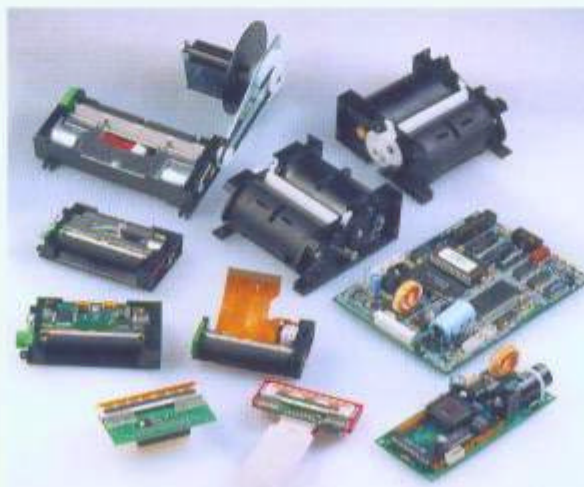
- Compact design (20mm height and very rugged)
- High print speed - up to 5 ips
- Front or bottom paper loading
- Excellent for labeling applications
- TORSION BAR™ design for easy printhead maintenance and better quality graphics
- Long life
- Available in 5volts or 24volts

APPLICATIONS

- Label printers
- Coupons
- Ticketing
- Kiosks
- ATM machines
- Gas pumps
- Medical equipment
- Cash registers

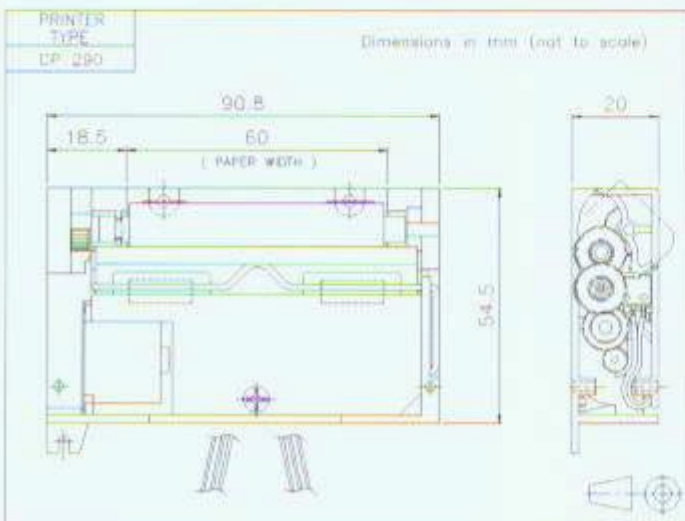
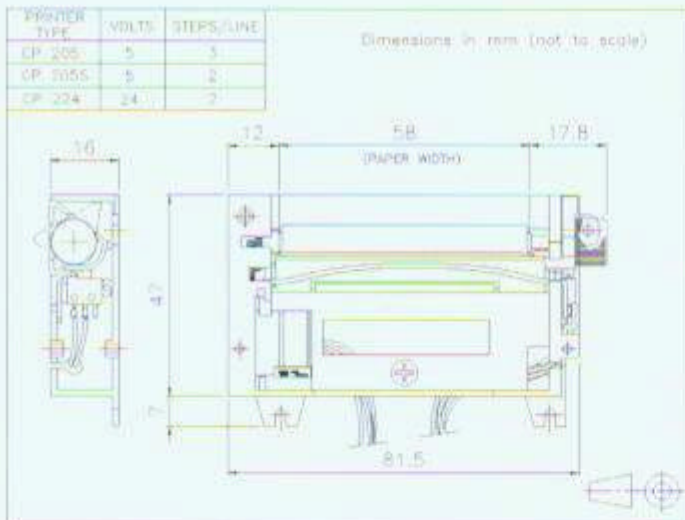


THE APS FAMILY
 APS offers a complete line of thermal printer mechanisms as well as full custom printing solutions.



Specifications

	CP205-S	CP224	CP290	CP291	CP295	CP2912
Print Method	Thermal line printing	Thermal line printing	Thermal line printing	Thermal line printing	Thermal line printing	Thermal line printing
Number of dots	384	432	432	448	384	448
Resolution (dots/mm)	8 dots/mm	8 dots/mm	8 dots/mm	8 dots/mm	8 dots/mm	8 dots/mm
Print width (mm)	48 mm	54 mm	54 mm	56 mm	48 mm	56 mm
Paper width (mm)	58 mm	58 mm	60 mm	60 mm	60 mm	60 mm
Max. Paper thickness (mils)	3 mils	3 mils	7 mils	7 mils	7 mils	7 mils
Paper loading	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Dot resistance (Ohms)	142±4% Ω	1500±3% Ω	1500±3% Ω	800±3% Ω	142±4% Ω	350±4% Ω
Voltage (Logic / Head)	5/5	5/24	5/24	5/24	5/5	5/12
Energy per dot (mJ)	0.31 mJ	0.22 mJ	0.22 mJ	0.17 mJ	0.31 mJ	0.27 mJ
Average consumption	1.0 A	0.7 A	0.7 A	1.0 A	1.0 A	1.0 A
Printing speed (mm/s)	60 mm/s	60 mm/s	75 mm/s	120 mm/s	80 mm/s	80 mm/s
Paper detection	Optosensor	Optosensor	Optosensor	Optosensor	Optosensor	Optosensor
Temperature detection	Thermistor 30K	Thermistor 30K	Thermistor 30K	Thermistor 30K	Thermistor 30K	Thermistor 30K
Head-up detection	Switch	Switch	Switch	Switch	Switch	Switch
Stepper motor (Ohms)	Bipolar 15	Bipolar 60	Bipolar 150	Bipolar 15	Bipolar 15	Bipolar 15
Weight (g)	45g	45g	65g	65g	65g	65g
Life / reliability	50 kms/100 million pulses	50 kms/100 million pulses	100 kms/100 million pulses	100 kms/100 million pulses	100 kms/100 million pulses	100 kms/100 million pulses
Operating temperature (°C)	0/50 °C	0/50 °C	0/50 °C	0/50 °C	0/50 °C	0/50 °C
Operating humidity (%)	20-85% no condensing	20-85% no condensing	20-85% no condensing	20-85% no condensing	20-85% no condensing	20-85% no condensing
Dimensions (WxDxL) mm	81 x 47 x 16 mm	81 x 47 x 16 mm	91 x 61.5 x 20 mm	91 x 61.5 x 20 mm	91 x 61.5 x 20 mm	91 x 61.5 x 20 mm



OPTIONS

- Cutter
- Rewinder wheel



Integrated control board



Chipset

Notes:

APS

ADVANCED PRINTING SYSTEMS

Represented by