

# SPEC SHEET

## Mechanism



	SMP6350	SMP6200II	SMP6210	SMP695/695L
<b>Print Characteristics</b>				
Print Method	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal
Print Speed	250 mm/sec (24 V)	150 mm/sec (24 V)	70 mm/sec (8.5 V)	100 mm/sec (9.5 V)
Print Resolution	203 dpi (8 dot/mm)	203 dpi (8 dot/mm)	203 dpi (8 dot/mm)	203 dpi (8 dot/mm)
Print Width	Up to 72 mm (576 dots)	Up to 54 mm (432 dots)	Up to 48 mm (384 dots)	Up to 48 mm (384 dots)
<b>Media Characteristics</b>				
Media Width	79.5 ± 0.5 mm	57.5 ± 0.5 mm	57.5 ± 0.5 mm	57.5 ± 0.5 mm
<b>Physical Characteristics</b>				
Dimensions (W x L x H)	100.8 x 41.5 x 27.3 mm	78.8 x 46.2 x 22.0 mm	78.8 x 46.2 x 22.0 mm	67.0 x 20.9 x 30.0 mm
Weight	170 g (0.38 lbs.)	168 g (0.37 lbs.)	168 g (0.37 lbs.)	35 g (0.07 lbs.)
Power	Drive: DC 24 V ± 10% Logic: DC 2.7 V to 5.5 V	Drive: DC 24 V ± 10% Logic: DC 5 V ± 5%	Drive: DC 8.5 V Logic: DC 2.75 V to 5.25 V	Drive: DC 4.5 V to 9.5 V Logic: DC 2.75 V to 5.25 V
<b>Environment Characteristics</b>				
Temperature	Operating: 0 to 45 °C	Operating: 0 to 45 °C	Operating: 0 to 45 °C	Operating: -5 to 45 °C
<b>Fonts/Graphics/Symbologies</b>				
Dot Size	0.125 x 0.125 mm	0.125 x 0.125 mm	0.125 x 0.125 mm	0.125 x 0.125 mm
Character Size	Font A: 12 x 24, Font B: 9 x 24	Font A: 12 x 24, Font B: 9 x 24	Font A: 12 x 24, Font B: 9 x 24	Font A: 12 x 24, Font B: 9 x 24
Characters Per Line	Font A: 32 Font B: 42	Font A: 32 Font B: 42	Font A: 32 Font B: 42	Font A: 32 Font B: 42
Line Pitch	3.75 mm (30 dots)	3.75 mm (30 dots)	3.75 mm (30 dots)	3.75 mm (30 dots)

	SMP690/691	SMP610A	SPP-100II	
<b>Print Characteristics</b>				
Print Method	Direct Thermal	-	Direct Thermal	
Print Speed	100 mm/sec (9.5 V)	52.5 mm/sec (7.2 V)	62.5 mm/sec (8.5 V), 50 mm/sec (7.2 V), 20 mm/s (5V)	
Print Resolution	203 dpi (8 dot/mm)	203 dpi (8 dot/mm)	203 dpi (8 dot/mm)	
Print Width	Up to 48 mm (384 dots)	Up to 48 mm (384 dots)		
Sensor	-	-	Paper End	
<b>Media Characteristics</b>				
Media Width	57.5 ± 0.5 mm	57.5 ± 0.5 mm	57.5 ± 0.5 mm	
Media Roll Diameter	-	-	Up to 40 mm	
<b>Physical Characteristics</b>				
Dimensions (W x L x H)	SMP690: 66.6 x 24.5 (38.2) x 15.0 mm SMP691: 67.4 x 15.3 (29.5) x 31.6 mm	73.8 x 42.3 x 20 mm	80.0 x 74.8 x 45.0 mm	
Weight	SMP690: 48 g (0.10 lbs.) SMP691: 49 g (0.10 lbs.)	70 g	104 g (0.22 lbs.)	
Power	Drive: DC 4.75 V to 9.5 V Logic: DC 2.7 V to 5.25 V	Drive: DC 3.6 V to 7.2 V Logic: DC 2.7 V to 5.25 V	DC 5.0 V to 8.5 V, 2.4 A (at 7.0V)	
<b>Performance Characteristics</b>				
Interface	-	-	Serial + USB	
<b>Environment Characteristics</b>				
Temperature	Operating: 0 to 45 °C	Operating: 0 to 45 °C	Operating: 0 to 45 °C	
<b>Software</b>				
Emulation	-	-	BXL/POS™	
<b>Fonts/Graphics/Symbologies</b>				
Dot Size	0.125 x 0.125 mm	0.125 x 0.125 mm		
Character Size	Font A: 12 x 24, Font B: 9 x 24	Font A: 12 x 24, Font B: 9 x 24	Font A: 12 x 24, Font B: 9 x 17, Font C: 9 x 24 24 x 24 (KOR,Big5,Shift JIS,GB2312)	
Characters Per Line	Font A: 32 Font B: 42	Font A: 32 Font B: 42	Font A: 32 Font B: 42, Font C: 42 24 x 24 :16	
Barcode Symbologies	-		1D: Codabar, Code 39, Code 93, Code 128, EAN-13, EAN-8, ITF, UPC-A,UPC-E 2D: PDF417, QR CODE	
Line Pitch	3.75 mm (30 dots)	3.75 mm (30 dots)	-	