

Industrial Label Printer

Model: 4012 PLM+



High Performance, Reliable and Durable

Ridged still Cabinet

300 dpi and 6 inch/Sec Printer

Small Foot Design with standard 203 mm Diameter Label Roll
Capacity

Free Label making Software

Various options



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PRINT METHOD	*Thermal Transfer/Direct Thermal *Harmonic(History Control Print Head)
DOT RESOLUTION	300 dpi/ 11.8 dot per mm
PRINT SPEED	1"- 6"/sec.(15mm - 152mm/sec.)
PRINT WIDTH	4.17"/106mm
PRINT LENGTH	27.5"/700mm
MEMORY	*8MB SDRAM
MEDIA TYPE	*Die cut labels *Butt cut Labels tags *Tag stock *Roll stock(Continuous s/o die cuts) *Fan Fold
MEDIA WIDTH	*4.5"/116mm
MEDIA THICKNESS	*0.0025" to 0.01"/0.0635mm to 0.254mm
SUPPLY ROLL CAPACITY	*8"/203mm maximum diameter
RIBBON ROLL CAPACITY	*2.95"/75mm maximum diameter
CABINET	*All steel cabinet
LCD DISPLAY	*2 lines by 8 characters(Alpha/Numeric) *Back Light
SENSORS	*Ribbon sensor (Reflective method) *Label sensor(Transmit method) *Media Home position sensor (Transmit-Auto calibration method)
ERROR INDICATORS	*Label/Ribbon empty *Head open *Communication *Grammatical *Parameter (Each error is notified by buzzer and LCD)
BAR CODE	*Code39, Code93, Code128, NW7, 2 of 5(Industrial, Matrix and Interleaved), EAN-JAN 13/8, UPC-A/E, EAN128, QR Code,PDF417, Data Matrix, Maxi Code, RSS
FONTS- CHARACTER SIZE IN DOTS	*8 character sets(Alpha/Numeric and symbols)8x8, 12x12, 16x16, 16x24, 24x24, 24x26, 32x40, 48x60 Expansion is 1-10 and 16 times (Both directions) *5-OCRB character sets(4 Numeric and 1 Alpha/Numeric) Numeric-16x18, 24x27, 32x36 and 40x45 Alpha/Numeric-32x32 NOTE : Should not expand Scalable Smooth Fonts,32-720 Dot width, 32-720 Dot length Italic Slant Programmable 10, 15 and 20 degrees. NOTE : 8-31 Dots printing is available but must be matched properly with speed and media *Down loadable font
PRINTING MODES & FUNCTIONS	*Peel off, Tear off(demand type)with label back feed for top of label printing. *Batch printing (Stipe -for continuous printing of labels. Can be used with optional External Re-winder)



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	*Butt cut label printing(Requires optional back side mark sensor)
PROGRAMMING LANGUAGE FEATURES	<ul style="list-style-type: none"> *Advanced Label marking language-ALL *ALL command are all ASCII characters. This allows flexibility with many environments and platforms *Easy to program and format printing areas *Pixel programming allows expanded area of up to 4 times Four direction print rotation(0,90,180 & 270 degrees) Reverse print and area fill in *Mirror print *Half Tones *Lines, dotted lines, angle lines and boxes Bit image data transfer and printing *Downloadable graphics, text, font and formats to optional memory card *Character Set(Code page)table *Serializing(Numeric) *Communication and print functions *RLE data compression *Graphic supported AIM, AIX, BMP, PCX(Monochrome only)
ADJUSTABLE PRINT FUNCTIONS SELECTABLE THROUGH FRONT PANEL OR BY SOFTWARE	<ul style="list-style-type: none"> *Print Speed/Energy Settings *Print Density *Label Print Position *Cutting Position *Thermal Transfer/Direct Thermal *Test Printing *Ready/Pause
COMMUNICATION INTERFACE-SELECTABLE THROUGH FRONT PANELL OR BY SOFTWARE	<ul style="list-style-type: none"> *Parallel/USB(User select) *RS232/to 115,200 baud rate, Line Control-RS-CS, XON-XOFF, ER-DR, Stop Bits, Parity, Data length
POWER SOURECE	Multiple Power supply, Industrial standard, 115 volts +-10% AC50/60 HZ, 240 volts +-10% AC 50/60 HZ, Built to UL/CSA safety standard and FCC emissions standards.
ENVIRONMENTAL	<ul style="list-style-type: none"> *Operating temperature 41 to 104 Fahrenheit /5 to 40 Centigrade *Relative humidity below 85% Non-condensing *Ventilation : Air Movement *Dust : Non-Conducting, Non-Corrosive
OPTIONS	<ul style="list-style-type: none"> *Cutter(Slide type) *Cutter(Non-stop rotary type) *External Label Stocker *8MB Flash memory *LAN interface 100 Base-TX/10 Base-T(TCP/IP Protocol)
SOFTWARE	<ul style="list-style-type: none"> *Bar Tender Ultra Lite Plus *Windows Drivers
DIMENSIONS	*8.9"W x 11.8"H x 10.25"D(225mmW x 300mmH x 260mmD)
WEIGHT	*20lb/9kg