

RING 4016



Specifications

Print Method	Thermal Transfer/Direct Thermal
	Harmonic(History Control Print Head)
Dot Resolution	400 dpi/ 15.7 dot per mm
Print Speed	1"- 4"/sec.(15mm - 101mm/sec.)
Print Width	4.15"/105mm
Print Length	15.7"/400mm (4016PIH)
	28"/700mm (4016PMH)
Memory	8MB SDRAM (4016PIH)
	16MB SDRAM (4016PMH)
	4MB Flash (4016PIH/ 4016PMH)
	Up to 16MB as option (4016PMH)
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	9.4"/240mm maximum diameter (4016PIH)
	8"/210mm maximum diameter (4016PMH)
	6"/150mm max for I.Rewinder (4016PMH)
Ribbon Roll Capacity	2.95"/75mm maximum diameter (4016PIH)
	3"/78mm maximum diameter (4016PMH)
Cabinet	All steel cabinet
LCD Display	2 lines by 8 characters(Alpha/Numeric)
	Back Light
Sensors	Ribbon sensor (Reflective method)



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	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)
Barcode	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
	Downloadable font
Printing Modes & Functions	Peel off, Tear off(demand type)with label back feed for top of label printing.
	Batch printing(Stip-for continous printing of labels. Can be used with optional External Rewinder)
	Butt cut label printing(Requires optional back side mark sensor)
Adjustable Print Functions	Print Speed/Energy Settings
	Print Density
	Label Print Position
	Cutting Position
	Thermal Transfer/Direct Thremal
	Test Printing
	Ready/Pause
Communication Interface	Parallel/USB(User select)
	RS232/to 115,200 baud rate, Line Control-RS-CS, XON-XOFF, ER-DR, Stop Bits, Parity, Data



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	length
Power Source	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	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	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	BarTender Ultra Lite Plus
	Windows Drivers
Dimensions	8.9"W x 11.8"H x 15.9"D(225mmW x 300mmH x 405mmD) (4016PIH)
	8.5"W x 12"H x 16"D(220mmW x 300mmH x 405mmD) (4016PMH)
Weight	27.5lb/12.5kg



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