

# RAPID

# T4-2

# MICROPLEX

Robust and intelligent  
for production  
and commissioning

■ **COMPATIBLE TO LASER PRINTERS**

■ **MICROPLEX HIGH-END CONTROLLER**

Providing special functions like  
- internal form management  
- n-times format splitting  
- SPS-Control

■ **BARCODE-GENERATION**

On-the-fly in the printer

■ **SAP + AS/400 COMPATIBLE**

Using PCL 5e+Jetcaps and LAN-IPDS

■ **INTERFACES**

USB, Ethernet,  
parallel IEEE 1284

■ **100% PRINT CONTROL**

The Status-Out function gives notice  
of each correctly printed page  
via interface



150 mm/second

300 dpi

4 inch print width

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MICROPLEX® Printware AG

RAPID

T4-2

MICROPLEX

The RAPID T4-2 is a 4 inch thermal transfer printer that is perfect for industrial applications. PCL5 users will be pleased to discover that, at last they can utilise a thermal printer with their applications without compromising performance.

# SPECIFICATIONS

## Technical Specifications

<b>Print technology</b>	Thermal transfer / direct thermal harmonic (history controlled flat head technology)	
<b>Controller</b>	MPC 5.x with Intel XScale PXA 255 (200 MHz-RISC-processor)	
<b>Print speed</b>	up to 150 mm/s up to 6 Zoll/s	
<b>Resolution</b>	300 dpi x 300 dpi	
<b>Lifetime print head</b>	up to 50.000 m	
<b>Power supply</b>	230V / 50 Hz	
<b>Dimensions</b> (WxDxH in mm)	260 x 462 x 272	
<b>Weight</b> (without cutter)	14 kg	
<b>Environment</b>	rel. h. 30 - 85 % temp. 5 - 40°C	
<b>Interfaces</b>	Serial	USB
	<i>optional</i>	<i>RS232, RS422</i>
	Parallel	IEEE 1284
	LAN	Ethernet-Interface
		10/100 MBit, bi-directional (TCP/IP)
<b>Memory</b>	RAM	64 MB
	Flash	8 MB

## Emulations and Functions

<b>Emulations</b>	MICROPLEX IDOL HP PCL 5e Epson FX-80 Datamax	IBM Proprinter Diablo 630 ZPLII EPL
<b>Optional Emulations</b>	<i>Printronic IGP PGL, TIFF µ-Postscript</i>	<i>Magnum Code V Kyocera Prescribe Express</i> <i>(more emulations on request)</i>
<b>Barcodes</b>	EAN 8, 13, 128, add on 2/5 3-stroke Datalogic 2/5 3-stroke Matrix Codebar, PDF 417	Jetcaps (HP/SAP) Code 39 128 MSI UPC A, E Postnet, KIX
<b>Optional Barcodes</b>		<i>USD5 UPS-Maxicode Datamatrix</i> <i>(more barcodes on request)</i>
<b>Functions</b>		<b>Internal barcode generation</b> on-the-fly in the printer <b>Format splitting</b> in several subformats by command <b>Intelligent form management</b> Up to 12 MB flash for forms and fonts inside the printer
<b>Optional Functions</b>		<b>Status out</b> gives notice of each correctly printed page via interface <b>SPS - Control</b> Integration of the printer into the production line, controlled by SPS-interface.

<b>Input</b>	continuous	internal from roll external, i.e. fanfold <i>option: sensor for backside mark external roll unwind</i>
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<b>Media:</b>		
<b>Size</b>	width:	max. 120 mm printable: 105 mm

<b>Output</b>	continuous	<i>option: external rewinder</i>
	single	tear-off <i>option: peel-off, cutter</i>
	job	tear-off <i>option: cutter</i>

<b>Weight</b>	max. 60-240 g/m <sup>2</sup>
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<b>Ribbon</b>	roll diameter	max. 80 mm
	core diameter	1 inch (25.4 mm)
	ribbon length	max. 500 m
	coated site	inside (outside also possible)
	width	25 - 114 mm

## RAPID Thermal Printer



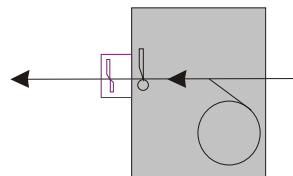
Thermal  
150 mm/second  
300 dpi  
4" print width



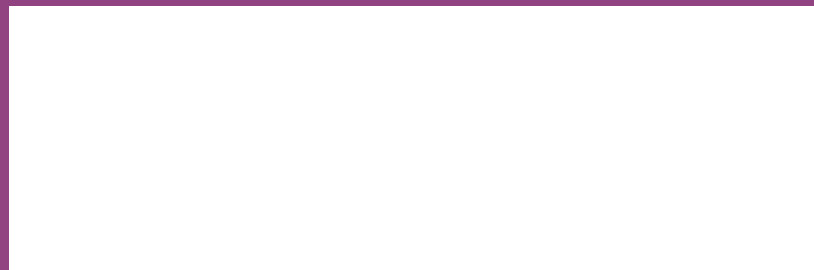
Thermal  
150 mm/second  
300 dpi  
4" print width



- Multi-protocol RF read/write module for 860-960 MHz
- Compatibility with all available RFID standards (UHF)
- Smart Label verification "on-the-fly" in the printer at 150 mm/s



Authorized MICROPLEX Partner:



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