



DATA SHEET	83259602
FLEXIMARK® Thermoprint A4+M	Valid from: 2014-04-28

General Description

The printer is ideal for industrial marking. Because of the thermo- transfer printing the surface is more smudge and scratch- resistant as well as oil and chemical resistant than other marks. You can use several different labels like self-adhesive labels for item designation (TA), Cable marking (e.g. TCK) and shrink tubes. The FLEXIMARKR thermo- transfer printer A4+M/300 is designed for non-stop and high capacity use. It is constructed for a large manufacturing array. Every specific customer demand will be realized with the extensive periphery and software. Different designs, a variety of languages, black/white, in color, with and without barcode – each label will be printed with high-quality in your required quantity.



Product features

No print head adjustments needed for different material widths. The printer can be used on really small and thick roll-fed material. The material sensor is 4mm high and has got the perfect height for thin tubes and plastic bands. A printing speed of 30-125mm/s is required for materials that are hard to print on.

- Material guidance: Centered material guidance – the printing material is placed in the middle. The printing is very precise because the material guidance is placed right behind the print roll. The width adjustments are done by a spindle.
- Ribbon retainer: Easy, centered insertion of the film because of the tripartite tension axle. Easy positioning because of the imprinted ruler.
- label retainer: The printing material is placed in the label retainer and gets automatically centered by reattaching the marginal stop.
- Operating mode: Can be used as PC-Application or network while it is used in the stand-alone modus.

Technical data

Print head

Printing method:	Thermal transfer print
Printing speed:	Up to 125 mm/s
Printing width:	Up to 105,6 mm
Print resolution:	dpi
Material justification:	Centered material guidance



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Material

Label, roll- fed material Or fan-folded:	Paper, cardboard, textiles, Synthetics like PET, PE, PP, PVC, PU, Acrylat
Material thickness:	0,055 – 1,2 mm
Label width:	4 - 106mm
Shrink tube thickness:	3,5 – 110 mm
Max. roll- core diameter \varnothing :	38 – 100 mm
Material weight:	60 – 300 g/ m ²
Beam width:	10 – 110 mm
Width of a shrinking tube :	3,5 – 110 mm
Label height:	5 – 1000 mm
Max. total diameter of media roll:	205 mm

Ribbon

Ink:	Inside or outside
Roll diameter:	Up to 80 mm
Core diameter:	Up to 25 mm
Run length:	variable up to 500m
Width:	Up to 114 mm

Dimension of the printer

Width:	242 mm
Height:	274 mm
Depth:	446 mm
Weight:	9,0 kg

Electronic

Processor:	High speed 32 Bit ColdFire / Clock frequency MHz 266
Random Accessed Memory	64 MB
IFFS Memory Flash:	Flash 8 MB
Slots:	Slot for CompactFlash-card Type I Slot for Wireless LAN-card
Batteriepuffer für:	Real-time clock with printout of time and date, automated data handling with shut-down
Warning signals:	Acoustic error indication



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Interfaces

Centronics bidirectional according to IEEE 1284:	optional
RS232 C 1.200 bis 230.400 Baud/8 Bit:	standard
USB 2.0 High Speed Slave for PC-connection:	standard
Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP:	standard
RS422, RS485 1.200 bis 230.400 Baud/8 Bit:	optional
Peripheral connection:	standard
WLAN card 802.11b/g WEP/WPA PSK (TKIP):	optional
2 x USB Master for:	external control panel, keyboard , scanner, service key

Operating data

Power supply:	100 – 240 V ~ 50/60 Hz, PFC
Input:	Max. 300 W
Operating temperature:	10 - 35°C
Humidity:	30 – 85% noncondensing
Safety regulations:	CE, FCC class A, CB, CCC, UL

Settings

Settings:	time, date, digital or analog clock, 25 language settings, system settings, printing parameter, interfaces, safety
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Controlling devices

Print stop if:	End of ribbon, end of label, print head open
Graphic display :	Data reception, clock, WLAN field intensity, calendar sheet, Ethernet stats, abc Debug, accessed memory, input buffer, temperature of the print head, remaining quantity of the ribbon, memory card access

Test equipment

System diagnosis:	During switching on procedure incl. print head inspection
Short status, status print:	font list, device list, WLAN stats, label- profile, test grid, monitor mode, PPP state
Status reports:	Extensive status print with information about settings e.g. printing length counter, hours of operation counter. Printer status request via software command. Detailed status message on display like e.g. network error or barcode error

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Fonts

Font types:	5 Bitmap-Fonts incl. OCR-A, OCR-B and 3 vector-Fonts Swiss 721, Swiss 721 Bold and Monospace 821 intern existing, loadable TrueType-Fonts. Optional Chinese (simplified Chinese) Optional Thai
Character sets:	Windows 1250 to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, KOI8-R. All west and east European, Latin, Cyrillic, Greek, Hebrew, Arabic signs are supported. Optional Thai and Chinese
Bitmap-Fonts:	Size in Width and Height 1 - 3 mm Amplification factor 2 – 10 Alignment 0°, 90°, 180°, 270°
Vector-/ TrueType-Fonts:	Size in Width and Height 0,9 - 128 mm Amplification factor stageless Alignment 360° in 1° steps
Font formats:	bold, italic, underlined, outlined, inverse, grey, vertical, depending on the used font
Font width:	Variabel

Grafics

Graphic elements:	lines, arrows, rectangle, circle, ellipse, filled and filled with course
Graphic formats:	PCX, IMG, BMP, TIF, MAC, GIF, PNG

Codes

Linear Barcodes	Code 39, Code 93, Code 39 Full ASCII, Interleaved 2/5, Ident and leader code of Deutsche Post AG, Codabar, Code 128 A, B, C EAN 8, 13 JAN 8, 13, EAN/UCC 128, MSI, EAN/UPC Appendix 2, Plessey, EAN/UPC Appendix 5, Postnet, FIM, RSS 14, HIBC, UPC A, E, E0
2D- Codes	Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14 truncated, limited, stacked and stacked omnidirectional, EAN, Datamatrix, GS1 Data Bar
	The height, width and ratio of all codes are variable. Alignment 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and start/stop Code depending on code type.

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Interfaces



- 1 RS232C interface
- 2 USB 2.0 Slave-interface
- 3 Ethernet 10/100 Base T-interface with TCP/IP
- 4 Slot for Wireless LAN-Wifi-card.
- 5 Two USB-Master-interfaces to connect an external operation panel, keyboard, scanner or Service Key.
- 6 Slot for memory card CompactFlash Type I.

Scope of supply

- FLEXIMARKR Thermoprint A4+M/300
- Operation manual
- Marking software FLEXIMARKR Software 10.0
- Driver for Windows®, Linux and Apple on CD-ROM
- Service manual on CD-ROM
- Power cable
- USB-cable (length 1,8m)

Extendible equipment

- Wire marking
 - FLEXIPRINT TF
- Cable Marking
 - FLEXILABEL TFL
 - Wrapping labels TCK
 - Shrink tubing
 - Cablelabel PUR
- Component Marking
 - TA labels
 - TA foam labels
- Diverse ribbons