Printing systems

Printing systems

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Marking systems

Our marking systems can be used to quickly and reliably label terminal markers, wire and cable markers, device markers and labels.

Electrical equipment can be identified quickly and easily with our M-Print® PRO software. Our PrintJet ADVANCED printer, MCP Plus plotter, MCP Basic Plotter and the ThermoMark series printers are available for your printouts.
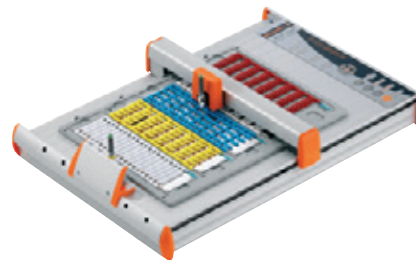
PrintJet ADVANCED
The PrintJet ADVANCED printer is designed for all Weidmüller MultiCards. It is able to process large quantities in a short space of time, thanks to its integrated loader. The printer is able to effortlessly implement colour printing, graphics and logos. Labelling on metal surfaces, with optimum printing quality and outstanding legibility, sets new standards for the future.

MCP Plus
The MCP Plus is suitable for lesser marking requirements, with frequent part-labelling and residual material processing. It enables processing to be increased by 20 % in comparison with similar systems.

THM Basic 300

The THM Basic 300 is ideally suited to printing labels, especially for use in the office. The printer offers outstanding printing quality and is suitable for labelling various materials.
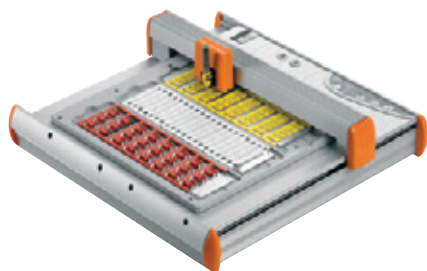
THM Plus S

The THM Plus S is a robust and modular thermal transfer printer which is particularly beneficial when processing continuous materials. The integrated cutting and perforation function enables continuous materials to be cut to any length, making work easier when trimming and allocating the identification areas.

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THM Plus

The THM Plus is suitable for industrial printing of labels and shrink sleeves. The printer offers outstanding printing quality and is suitable for labelling various materials.

MCP Basic

The portable MCP Basic plotter is suitable for lesser marking requirements, part-labelling and processing residual quantities directly, on site.

THM TwinMark

The THM TwinMark enables shrink sleeve printing on both sides. The printer offers outstanding printing quality and is suitable for TwinMark shrink sleeves on reels.

Printing systems and software

Our labelling systems are the quick and efficient way of producing markers for connectors, wires, cables and devices, plus labels for general use. Our **M-Print® PRO** software means you can mark electrical equipment quickly and simply in addition to delivering professional and fast design, printing and ordering of your marking requirements. In addition, borders, barcodes, graphics and photos can all be easily integrated. The multitude of data conversion routines presents you with fast and flexible options for data integration. The Weidmüller **PrintJet ADVANCED, MCP Plus, MCP Basic** printers plus those of the **ThermoMark** series can be used for printing.

The **PrintJet ADVANCED** is the reference model in industrial marking for high-resolution printing and maximum wipe and scratch resistance. The **MCP Plus** plotter provides you with good flexibility, because with its positioning frame it can handle more than 200 different types of marker in the MultiCard format. The printers of the ThermoMark series are ideal for printing labels and/or shrinkable sleeves in excellent quality.

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	Printer		
Type of marker	PrintJet ADVANCED	MCP Plus	MCP Basic
Technical data			
Technology	Inkjet process	Plotting technique	Plotting technique
Voltage	AC 230 V / AC 115 V	AC 230 / AC 115 V	AC 230 / AC 115 V
Printing resolution	1.200 dpi		
Interfaces	USB, LAN	Parallel Centronics, USB	USB
Network interface card	●		
Terminal markers			
DEK/WS/ZS/MF	●	●	●
ELS	●	●	●
WAD	●		
Cable and wire markers			
SF/SFR/SFX/SFC	●	●	●
TM-I	●	●	●
ELS	●	●	●
Device markers			
DMC	●	●	●
ESG	●	●	●
SM/CC	●	●	●
Labels			
THM MT			
THM MT FS			
THM WO			
THM GEW			
THM EL			
THM ET S7			
THM PA			
THM PA ESO			
Shrink sleeves			
TwinMark			
TwinMark endless			

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Printer			
THM Basic 300	**THM Plus S**	**THM Plus**	**THM TwinMark**
Thermal transfer	Thermal transfer	Thermal transfer	Thermal transfer
AC 230 / AC 115 V	AC 230 / AC 115 V	AC 230 / AC 115 V	AC 230 / AC 115 V
300 dpi	300 dpi	300 dpi	300 dpi
Parallel Centronics, USB, RS232, LAN	USB, LAN	RS232, USB, LAN, Compact Flash	RS232, USB, LAN
●	●	●	●
●	●	●	
●	●	●	
●	●	●	
●	●	●	
●	●	●	
●	●	●	
●	●	●	
●	●	●	
	●	●	●
	●		

PrintJet ADVANCED
The advanced inkjet printer

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Want to organise your time efficiently and complete marking work without any stress? Then your marking system needs to provide maximum flexibility and be available at any location.

Want to print a large number of markers during peak hours without drops in quality and without monitoring if at all possible? The PrintJet ADVANCED reliably meets all these needs and more.

See for yourself its unique functions which will make light work of your marking tasks. You can't fail to be impressed with how the PrintJet ADVANCED optimises your work processes.

Metal marking as standard
You can use the PrintJet ADVANCED to print both MultiCard and MetalliCard formats. This offers you maximum scope of use, flexibility and independence from external providers.

Highly resistant labelling
The self-regulating thermal fixing for surface sealing of a consistent quality makes the marker incredibly resistant and extremely durable in an industrial environment. This saves money because the marker doesn't have to be replaced on a regular basis.

Intuitive touch display
The 4.7" true colour TFT touch panel can be swivelled and tilted to greatly simplify the work process. Use of an easy-to-understand operator front-end reduces complexity to an absolute minimum and makes your work stress-free and very simple. 28 integrated languages make the printer a global player.

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High magazine capacity
With a holding capacity of up to 30 MultiCards, the PrintJet ADVANCED is able to process 6000 markers with just one click - no need for operator intervention and ready for immediate use. A high level of automation which improves efficiency and optimises processes at the same time.

Brilliant colour printing
It's easier to maintain and identify equipment with colour identification. Warning and safety information have a clear impact due to signal colours. Some standards even recommend colour identification.

Unbeatable overall package
Brilliant print result, absolute process stability and a high level of automation: challenging marking requirements are met by the PrintJet ADVANCED. Its low operating costs speak for themselves – it doesn't get any more efficient than this!

Printing systems

The advanced inkjet printer
Our PrintJet ADVANCED for exacting standards

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Flexible printing of plastic and metal markers

The PrintJet ADVANCED is an inkjet printer which prints plastic markers in MultiCard format and metal markers from the MetalliCard family. Thanks to its high magazine capacity, it is ideal for printing large volumes in continuous operation. The precise colour printing and thermal fixing guarantee optimum print results for durable equipment identification. With these properties, the PrintJet ADVANCED brings efficiency to the operating process – whether operated with our M-Print® PRO software or as a stand-alone solution with pre-installed print templates.

The advantages for you at a glance:

- Precise colour printing
- Printing of metal markers as standard
- High level of automation thanks to magazine capacity of 30 MultiCards
- Durable and robust markers thanks to thermal fixing
- User-friendly thanks to intuitive touch display
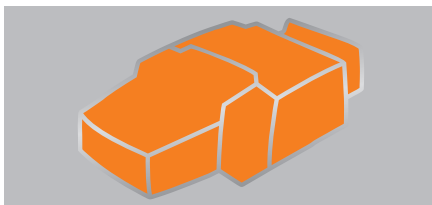- Can be used as stand-alone solution

Technical data

	Description
Intended use	Printing Weidmüller MultiCards and MetalliCards
Technology	Inkjet procedure with integrated thermal fixing unit
Feed	Automatic magazine for max. 30 MultiCards
	Individual feed for MetalliCards and MultiCards
Fuses	Right fuse: 10 ATH 240/120 V
	Left fuse: 2.5 ATH 240/120 V
Application site	Office conditions
Ambient temperature	10 °C – 35 °C
	0 °F – 95 °F
Dimensions	Length including output rail: approx. 1.138 mm (44.80")
	Length not including output rail: approx. 945 mm (37.20")
	Width: 554 mm (21.81")
	Height with touch panel folded down: 328 mm (12.91")
	Height with touch panel folded up: 422 mm (16.61")
Weight	57.8 kg (127.43 lb) with packaging
	37.2 kg (82.01 lb) without packaging
Ink system	Colour system – black, cyan, magenta, yellow
Included in delivery	• PrintJet ADVANCED • One inlay
	• Mains cable • One output rail
	• USB cable • DVD with M-Print® PRO software
	• One MultiCard DEK 5/5 • Quick start guide
	• Ten MetalliCards CC-M 85/54 AL • Operating manual
	• Ten primer cloths
	The ink cartridges and ink collector tray are installed in the printer.

Ink-jet printer

PrintJet Advanced

Technical data

EAN	4032248140121
Length	950 mm
Width	555 mm
Height	310 mm
Weight	58 kg
Net weight	37.2 kg
Printing method	Ink jet technology
Printer driver	Windows XP, Windows Vista, Windows 7
Printing speed	Depends on printing quality
Print quality	1200 dpi
Marker type	Multicard
Interface	LAN, USB
System requirements	Windows XP, Windows Vista, Windows 7
Fueling system	Ink cartridge, CMYK
Supply voltage	230 V AC / 16 A, 115 V AC / 20 A
Operating system	Windows XP, Windows Vista, Windows 7
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
PRINTJET ADVANCED 230V	1	**1324380000**
PRINTJET ADVANCED 115V	1	**1338700000**

Note

Accessories

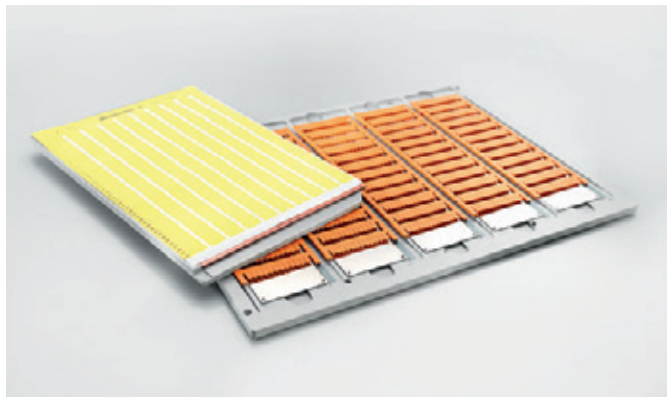| **PrintJet Advanced**	Type	Qty.	Order No.
Software	M-PRINT PRO	1	**1905490000**
Ink collecting tray	PJ ADV TNAW	1	**1338710000**
Cyan ink	PJ ADV TNTK INK C	1	**1338680000**
Magenta ink	PJ ADV TNTK INK M	1	**1338670000**
Yellow ink	PJ ADV TNTK INK Y	1	**1338650000**
Black ink	PJ ADV TNTK INK K	1	**1338690000**
Ink set	PJ ADV TNTK INK SET	1	**1338720000**
PrintJet			
	Tintenpatrone PrintJet	1	**1797460000**
	PJ-Clean Unit	1	**4062150000**
Ink collecting tray	PJ PRO TNAW	1	**1024140000**
Cyan ink	PJ PRO TNTK INK C	1	**1027050000**
Magenta ink	PJ PRO TNTK INK M	1	**1027060000**
Yellow ink	PJ PRO TNTK INK Y	1	**1027070000**
Black ink	PJ PRO TNTK INK K	1	**1027040000**
Ink set	PJ PRO TINTENSET FARBE	1	**1027110000**
	Tintentank PrintJet II	1	**1858920000**
	CleanUnit PrintJet II	1	**1858950000**

Note

MCP Plus Plotter
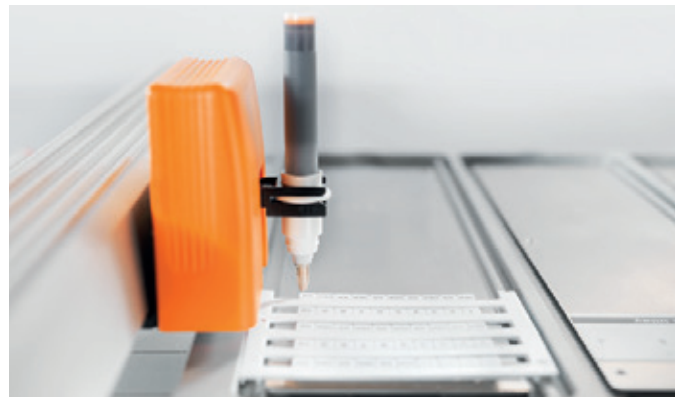## Ideal for small quantities

All-rounder with optimised use of space

The MCP Plus is a flexible A3 plotter with labelling options for different applications. Three easily fitted receiver plates cover more than 200 types of MultiCards and label sheets. This means that you can simply and accurately print on remaining sheets, with simultaneous printing of up to 5 Multicards. By using the appropriate mounting plate, you determine if you want to create small or large numbers of markers or if you wish to print labels. A pen repository takes the order and ensures that the plotter pens are always available.

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Your advantages from the MCP Plus Plotter

One printing system for various applications: the MCP Plus prints over 200 types of MultiCards and labels.

The mounting plate can be divided in an economical way: ideal for remaining stocks, part printing and low marking requirements.
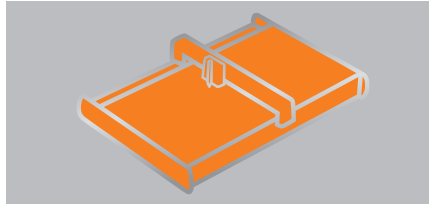

Saves time: thanks to its optimal use of space, the MCP Plus can process up to 5 MultiCards at the same time.

The SFC markers, like all MultiCards, can be printed using the PrintJet ADVANCED. If you use an MCP plotter, even small quantities can be printed.

Plotter

MCP Plus

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Technical data

EAN	4032248563487
Length	660 mm
Width	440 mm
Height	125 mm
Weight	14 kg
Net weight	8 kg
Printing method	Plotter printing with india ink
Printer driver	Windows XP, Windows Vista, Windows 7
Printing speed	max. 40 cm/s
Marker type	Multicard, Labels
Interface	Centronics, USB
System requirements	Windows XP, Windows Vista, Windows 7
Supply voltage	100...240 V AC
Operating system	Windows XP, Windows Vista, Windows 7
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
MCP PLUS	1	**1925000000**

Note

Accessories

	Type	Qty.	Order No.
Fixing plates	MCP AP PLUS	1	**1924360000**
	MCP AP SF4-6	1	**1924310000**
	MCP AP LABLES	1	**1924370000**
	MCP EP SFC 3	1	**1058090000**
Reusable pens	Plotterpen 0,18	1	**1768570000**
	Plotterpen 0,25	1	**1768540000**
	Plotterpen 0,35	1	**1768550000**
	Plotterpen 0,5	1	**1768560000**
	PLOTTERPEN 0,7	1	**1011440000**
Disposable pens	PLOTTER PEN 0.25 P-INK	1	**1920640000**
	PLOTTER PEN 0.35 P-INK	1	**1920650000**
	PLOTTER PEN 0.50 P-INK	1	**1005710000**
	PLOTTER PEN 0.70 P-INK	1	**1011450000**
INK 2000 ink	Tinte 2000 25ml	1	**1772120000**
P-Ink ink	P-Ink 2.0	1	**1924340000**
INK 2000 cleaner	Reiniger 2000 25ml	1	**1772130000**
P-Ink cleaner	P-CLEANER	1	**1924330000**
STI pen	STI Waterproof schwarz	10	**0508401694**
STI pen adapter	ADAPTER ALU STI-S	1	**1762440000**

Note

MCP Basic Plotter
Flexible on-site marking

Small size and readily on hand

The MCP Basic is used when you need to print markers anywhere on-site in small quantities. The plotter is compact in size and can quickly be up and running wherever you are. Thanks to its low weight, it can be easily transported in a trolley case and be up and running everywhere quickly.
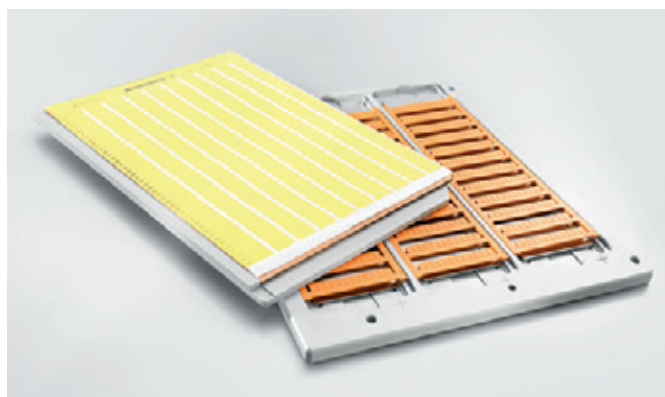
With three optionally usable mounting plates, the MCP Basic covers over 200 types of MultiCards and labels. Particularly useful is the option to accept individual segments which makes it the perfect device for marking small quantities and reduces loss from unused signs.

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Your advantages from the MCP Basic Plotter

Mobile and light: the MCP Basic comes in a trolley case with compartments for its accessories.
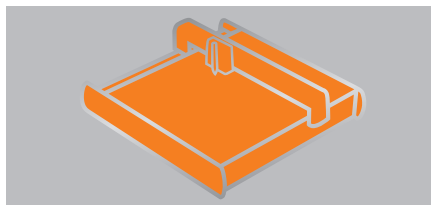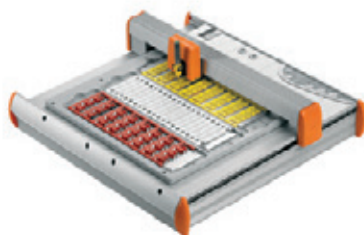

Flexible for different applications: the MCP Basic prints MultiCards and labels.

Single labels, sub-segments or remaining quantities: the MCP Basic allows you to use the materials in an economical and targeted way.

Plotter　　　　　　　　　　　　　**MCP Basic**

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Technical data

EAN	4032248921041
Length	440 mm
Width	440 mm
Height	125 mm
Weight	15 kg
Net weight	6 kg
Printing method	Plotter printing with india ink
Printer driver	Windows XP, Windows Vista, Windows 7
Printing speed	max. 40 cm/s
Marker type	Multicard, Labels
Interface	USB
System requirements	Windows XP, Windows Vista, Windows 7
Supply voltage	100...240 V AC
Operating system	Windows XP, Windows Vista, Windows 7
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
MCP BASIC	1	**1139400000**

Note

Accessories

	Type	Qty.	Order No.
Fixing plates	MCP AP BASIC	1	**1139880000**
	MCP AP SF4-6	1	**1924310000**
	MCP AP LABLES	1	**1924370000**
	MCP EP SFC 3	1	**1058090000**
Reusable pens	Plotterpen 0,18	1	**1768570000**
	Plotterpen 0,25	1	**1768540000**
	Plotterpen 0,35	1	**1768550000**
	Plotterpen 0,5	1	**1768560000**
	PLOTTERPEN 0,7	1	**1011440000**
Disposable pens	PLOTTER PEN 0.25 P-INK	1	**1920640000**
	PLOTTER PEN 0.35 P-INK	1	**1920650000**
	PLOTTER PEN 0.50 P-INK	1	**1005710000**
	PLOTTER PEN 0.70 P-INK	1	**1011450000**
INK 2000 ink	Tinte 2000 25ml	1	**1772120000**
P-Ink ink	P-Ink 2.0	1	**1924340000**
INK 2000 cleaner	Reiniger 2000 25ml	1	**1772130000**
P-Ink cleaner	MCP EP	1	**1935130000**
P-Ink cleaner	P-CLEANER	1	**1924330000**
STI pen	STI Waterproof schwarz	10	**0508401694**
STI pen adapter	ADAPTER ALU STI-S	1	**1762440000**

Note

THM Basic 300 thermal transfer printer
Compact design for printing labels

The small specialist with a tiny footprint

If the main focus for marking is on printing labels, it is worth using the THM Basic 300. This thermal transfer printer features high-quality results in 300 dpi print quality and guarantees a safe and user-friendly operation with its centred label guide. Its specific advantage is that with its small dimenions, the THM Basic 300 is a space-saving device. It can be used in the smallest spaces, making it ideal for use in an office.

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Your advantages from the THM Basic 300 thermal transfer printer

Ideal for tight working areas, even in the office. The THM Basic 300 is extremely compact.

Never again experience faulty printing through label misfeeds: the centring guide gives you precise handling.

Matching integration into your system technology: choose between USB, parallel and network interfaces.

Thermal transfer printer

THM Basic 300

F

Technical data

EAN	4050118066012
Length	329 mm
Width	256 mm
Height	200 mm
Weight	3.5 kg
Net weight	3.5 kg
Printing method	Thermotransfer
Printer driver	Windows XP, Windows Vista, Windows 7
Printing speed	75 mm/s
Print quality	300 dpi
Marker type	Label reel
Interface	USB, Seriell RS232, LAN
System requirements	Windows XP, Windows Vista, Windows 7
Supply voltage	100…240 V AC
Operating system	Windows XP, Windows Vista, Windows 7
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
THM BASIC 300	1	**1276230000**

Note

Accessories

	Type	Qty.	Order No.
Software	M-PRINT PRO	1	**1905490000**
HiRes ink ribbon	RIBBON THM HIRES	1	**1790650000**

Note

THM Plus S thermal transfer printer
Label printing with optional cutting and perforation

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Any length – intuitive usage

The THM Plus S is a thermal transfer printer with sturdy, modular construction. Its key advantage is in the processing of continuous materials. The integrated cutting and perforating option allows the division of the continuous material into any length – this makes work easier when cutting and finding the identification areas. The device is very simple to operate, due to its coherent status display and intuitive touch display in 27 languages.

Key benefits of the THM Plus S thermal transfer printer

One for all: the THM Plus S processes all continuous materials, fabric and polyester labels, shrink sleeves and PLC labels.

Simplified work processes: printing and simultaneous cutting or perforation as required.

Can be easily used even by novices: thanks to the intuitive touch display with a clear menu guide and the comprehensive status display in 27 languages.

Ordering data

Perforation cutter	Qty.	Order No.
THM PLUS S PERFV	1	**1416330000**

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Thermal transfer printer

THM Plus S

Technical data

EAN	4050118131376
Length	320 mm
Width	253 mm
Height	253 mm
Weight	3.8 kg
Net weight	4 kg
Printing method	Thermotransfer
Printer driver	Windows XP, Windows Vista, Windows 7
Printing speed	125 mm/s
Print quality	300 dpi
Marker type	Label reel, Shrink-fit sleeves
Interface	USB, LAN
System requirements	Windows XP, Windows Vista, Windows 7
Supply voltage	100…240 V AC
Operating system	Windows XP, Windows Vista, Windows 7
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
THM PLUS S	1	**1327170000**

Note

Accessories

	Type	Qty.	Order No.
Software	M-PRINT PRO	1	**1905490000**
Cutting blade	THM PLUS S SCHV	1	**1331600000**
HiRes ink ribbon	RIBBON THM HIRES	1	**1790650000**
Special ink ribbon	RIBBON R SPEZIAL 83/300	1	**1179900000**

Note

THM Plus thermal transfer printer
Durable and sturdy for harsh environments

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Fast speeds and robust metal housing

The THM Plus is the perfect choice when you want to achieve high-quality results in the shortest possible time, when printing labels. Its intelligent internal workings mean that this thermal transfer printer can reach an output speed of up to 150 mm/s with a resolution of 300 dpi. The sturdy metal housing means that the THM Plus can be used continuously even in harsh industrial environments.

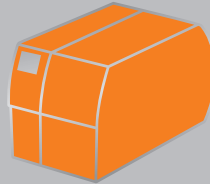### Key benefits from the THM Plus thermal transfer printer

Output of all continuous materials, fabric and polyester labels, shrink sleeves and PLC labels at high speed and high resolution.

Can be used in harsh environments thanks to its sturdy construction and its metal housing.

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Thermal transfer printer   **THM Plus**

Technical data

EAN	4032248643950
Length	446 mm
Width	242 mm
Height	274 mm
Weight	11.4 kg
Net weight	9 kg
Printing method	Thermotransfer
Printer driver	Windows XP, Windows Vista, Windows 7
Printing speed	150 mm/s
Print quality	300 dpi
Marker type	Label reel, Shrink-fit sleeves
Interface	Seriell RS232, USB, LAN
System requirements	Windows XP, Windows Vista, Windows 7
Supply voltage	100...240 V AC
Operating system	Windows XP, Windows Vista, Windows 7
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
THM-PLUS PRINTER	1	**1962340000**

Note

Accessories

	Type	Qty.	Order No.
Software	M-PRINT PRO	1	**1905490000**
Halogen-free ink ribbon	Ribbon HSS R 83/300	1	**1962370000**
Standard ink ribbon	Ribbon HSS WR 90/300	1	**1962360000**
HiRes ink ribbon	RIBBON THM HIRES	1	**1790650000**

Note

THM TwinMark thermal transfer printer
Double-sided printing

Ideal for rolls and large quantities

The THM TwinMark is the ideal choice for printing large quantities of shrink sleeves. The powerful thermal transfer printer works through large quantities at a high resolution (300 dpi) without problems and is optimally suited for reels with up to 10,000 large diameter sleeves.
Thanks to its separately operating print heads, you can print on both sides with different content in a single work step.

Key benefits of the THM TwinMark thermal transfer printer

Time-saving and intelligent: double-sided printing with different content in one work step.

Can cope with large quantities: can deal with reels with up to 10,000 shrink tubing sleeves.

The THM TwinMark is a very durable device thanks to its stable construction and metal housing.

Thermal transfer printer

THM TwinMark

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Technical data

EAN	4032248922413
Length	554 mm
Width	248 mm
Height	395 mm
Weight	21 kg
Net weight	21 kg
Printing method	Thermotransfer
Printer driver	Windows XP, Windows Vista, Windows 7
Printing speed	125 mm/s
Print quality	300 dpi
Marker type	Shrink-fit sleeves
Interface	USB, Ethernet 10/100 Base T, LAN
System requirements	Windows XP, Windows Vista, Windows 7
Supply voltage	100...240 V AC
Operating system	Windows XP, Windows Vista, Windows 7
Software	M-Print® PRO
Note	

Ordering data

Type	Qty.	Order No.
THM-TWINMARK	1	1140490000

Note

Accessories

	Type	Qty.	Order No.
Software	M-PRINT PRO	1	1905490000
Halogen-free ink ribbon	Ribbon HSS R 83/300	1	1962370000
Standard ink ribbon	Ribbon HSS WR 90/300	1	1962360000
Special ink ribbon	RIBBON R SPEZIAL 83/300	1	1179900000

Note

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