MAX









LETATWIN

LM-3000PRO

WIRE NUMBERING & DEVICE LABELING SOLUTION FOR CONTROL PANEL ASSEMBLY

1 GRIPSLEEVE : DIRECT PRINT SLEEVE

Innovative marking solution for panel wiring process!

1 GRIP SLEEVE WIRE NUMBERING IMAGES;

The length of the marking block can be adjusted, allowing for easy-to-read printing of characters.

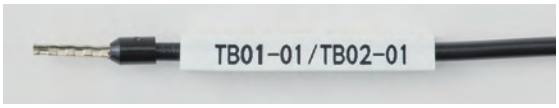


Numbering Examples:

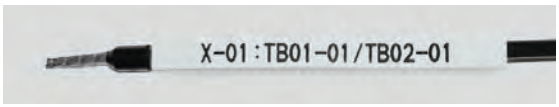
❶ **Wire Number:**



❷ **Source/Target:**



❸ **Wire Number & Sorce/Target:**

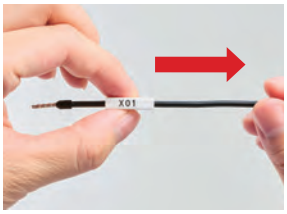


2 FEATURES:

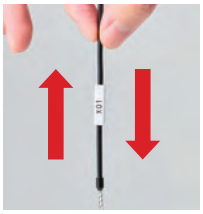
The special features of the GRIP SLEEVE can improve your wire-numbering process..

1 Grip Force:

It can be moved along the wire, but it can also stay in place.



Move



Stop

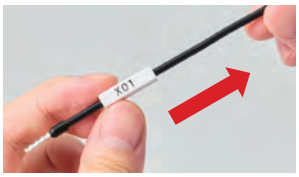


3 Simple Process

The printed GRIP SLEEVE can slide over wire terminal and stay in place.



Print

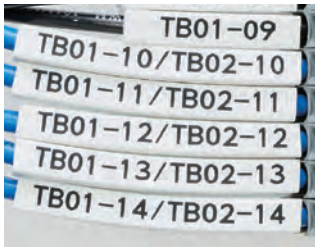


insert

2 Clear Visibility:

Larger characters enhance visibility.





4 White and Yellow

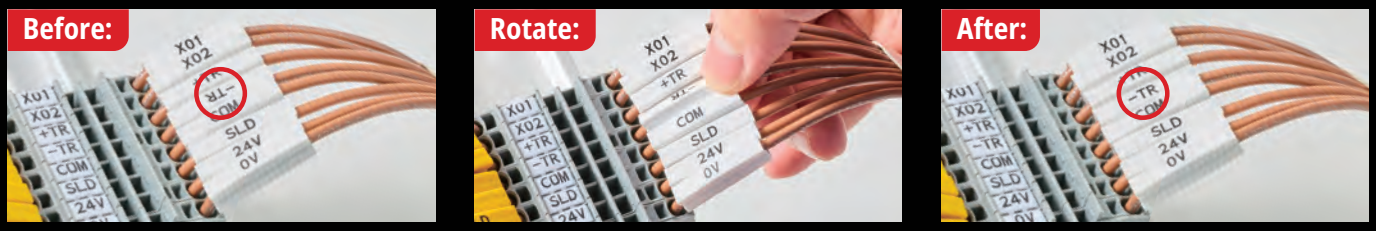
Choice from two colors of GRIP SLEEVE improves flexibility of wire identification.





❸ DOUBLE SIDED MARKING:

The double-sided printing feature minimizes rework when the marking block is inserted to the wire incorrectly.



Process;



❹ SOURCE/TARGET MARKING:

Printing the source and target directly on the marking block makes it easy to confirm correct wiring.

Example:



Process:

Edit file in Excel using `CONCATENATE`

Device	Wire		Device	Wire	Wire Numbering 1	Wire Numbering 2
TB01-	1	/	TB-02-	1	TB01-1/TB-02-1	TB-02-1/TB01-1
TB01-	2	/	TB-02-	2	TB01-2/TB-02-2	TB-02-2/TB01-2
TB01-	3	/	TB-02-	3	TB01-3/TB-02-3	TB-02-3/TB01-3
TB01-	4	/	TB-02-	4	TB01-4/TB-02-4	TB-02-4/TB01-4
TB01-	5	/	TB-02-	5	TB01-5/TB-02-5	TB-02-5/TB01-5
TB01-	6	/	TB-02-	6	TB01-6/TB-02-6	TB-02-6/TB01-6
TB01-	7	/	TB-02-	7	TB01-7/TB-02-7	TB-02-7/TB01-7

Copy and Pasete to PC EDITOR PRO



*`CONCATENATE` is a feature in Microsoft Excel.

*Microsoft, Windows, and Excel are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

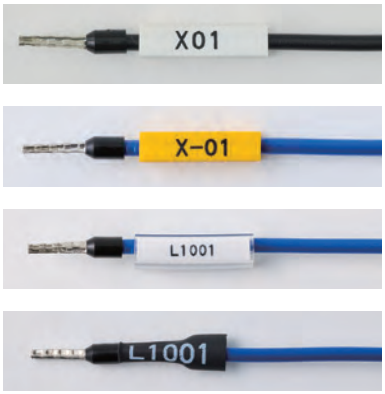
		Recommended Size															
Outer Wire	Diameter(mm)	1.5	1.9	2.1	2.2	2.3	2.5	2.8	3.0	3.1	3.2	3.4	3.7	4.0	4.1	4.4	5.3
Wire Type	H05V-K/H07V-K			0.5mm²	0.75mm²		1.0mm²	1.5mm²				2.5mm²		4.0mm²			6.0mm²
	MTW(AMG)	#24			#22	#22	#20	#18	#16			#14		#12			#10
GRIP SLEEVE	LM-SLxx(S)	(S) *Under development															
	LM-SL34(M)			LM-SL34(M)													
	LM-SL37(L)								LM-SL37(L)								
	LM-SLxx(XL)											(XL) *Under development					

2 WIDE RANGE OF PRINT CONSUMABLES:

LM-3000PRO can print versatile consumables for control panel.



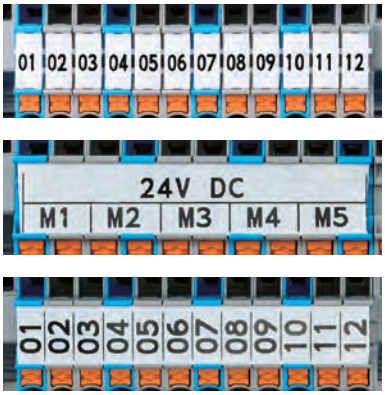
WIRE



DEVICE



TERMINAL BLOCK

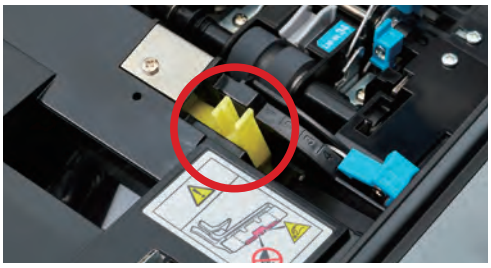


3 BENEFIT OF LONG LENGTH CONSUMABLES:

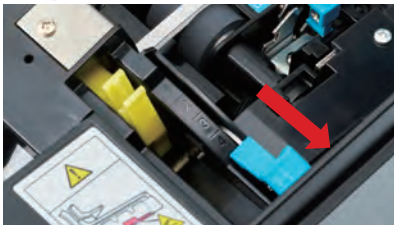
Half-cut function reduces the need to maintain multiple lengths of printing material in inventory.

Half cut function:

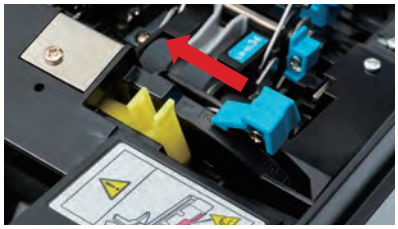
Adjustable half cut depth.



Deeper



Shallower



GRIP SLEEVE 10-150mm



TAPE 3.5-60mm



HS TUBE/PVC TUBE 10-150mm



4 CONSUMABLES DETAILS:

LM-3000PRO can print the following materials.

1 INK RIBBON





Black:
200m/roll



White:
180m/roll

*Only the ribbon core needs to be replaced, allowing the cassette to be reused.

2 BLOCK MARKER

Wago
2009-
113/114/115
145



Wago
2009-515
for
Phoenix



Wago
2009-615
for
Weidmuller

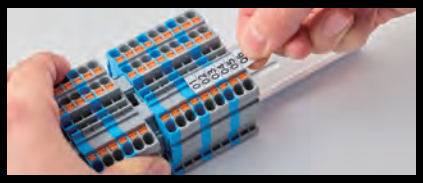


3 MARKER STRIP

Print



Insert to block



Done

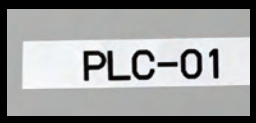


4 POLYESTER TAPE

Yellow x 5 9 12 mm



White x 5 9 12 mm





Reel Stand



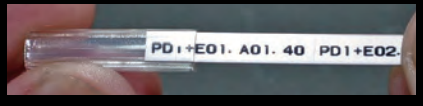


5 ID PLATE (PLASTIC TAG)

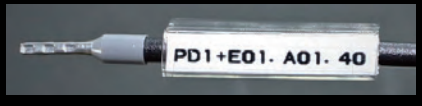
Printed



Insert to sleeve



Done

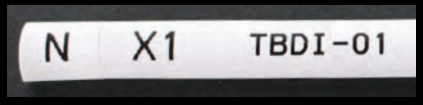


6 HEAT SHRINK (HS) TUBE/PVC TUBE

Printed HS TUBE Black



Printed HS TUBE White



GRIP TUBE/PVC NORMAL TUBE

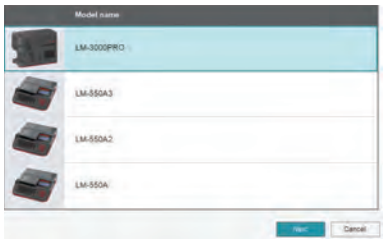


5 SOFTWARE:

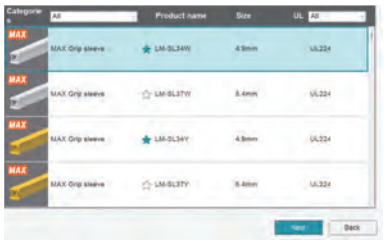
Simple design and easy-to-use software.

Operation Process

1 Printer Selection



2 Consumable Settings



3 Print Settings



4 Print data input(direct)

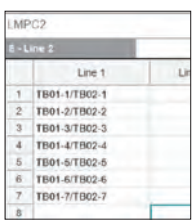


OR

5 Print data input (copy&paste)

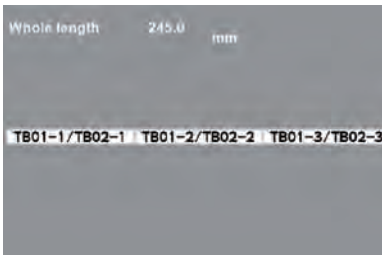
TB01-01/TB02-01
TB01-02/TB02-02
TB01-03/TB02-03
TB01-04/TB02-04
TB01-05/TB02-05
TB01-06/TB02-06
TB01-07/TB02-07

Microsoft Excel

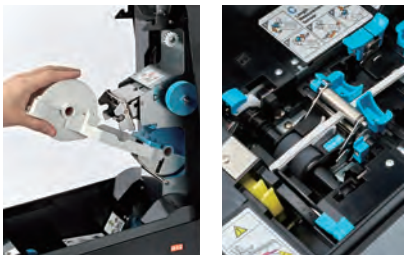


PC EDITOR PRO

6 Preview check



7 Material setting



8 Print



9 Apply



10 Marking example



*Microsoft, Windows, and Excel are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Useful features:

Guidance: Click Question mark, a detailed explanation will be displayed.



Individual Preview: Previews are available for each marking blocks.

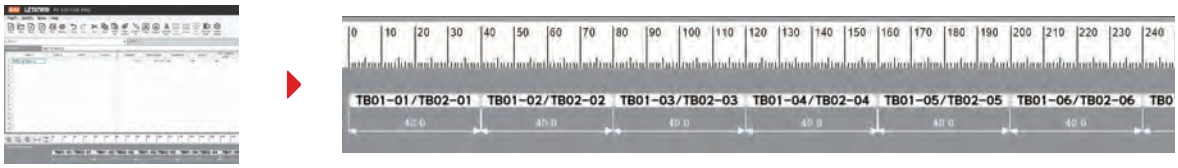


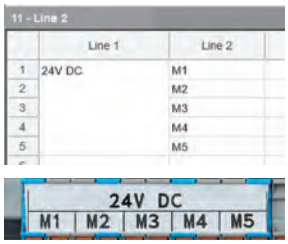
Table mode: This mode is available when you set marker strip.





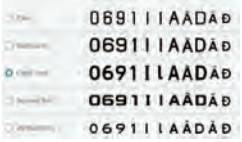
Set Table mode `On`.





Detailed settings for control panel marking:

Font choices



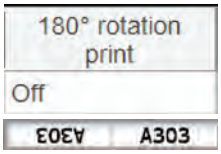
Zero slash



Vertical/Holizontal



180°C rotation



Character Space



Flame/Underline



Invert



Pitch lengh

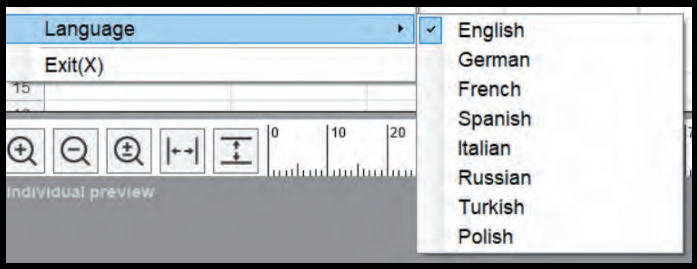


6 PRINTER BASIC FUNCTIONS:

This printer has the functionality for panel building.

European Languages:

English/German/French/Spanish/Italian/Russian /Turkish/Polish.



German



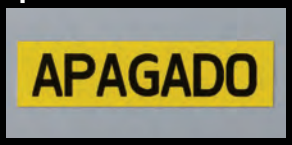
Italian



French



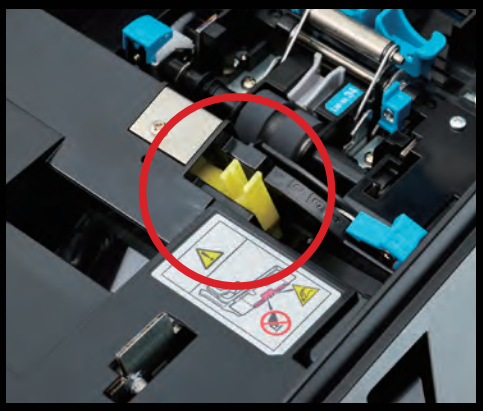
Spanish



Half cut function:

Half-cut function reduces the need to maintain multiple lengths of printing material in inventory.

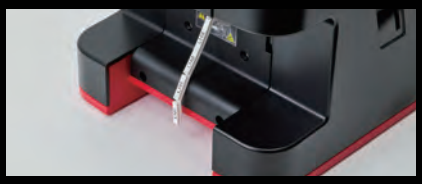
Half cutter unit



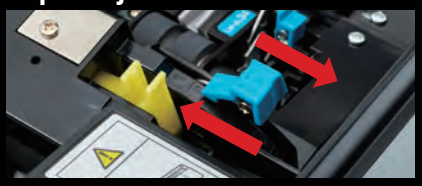
Replaceable



Half cut block



Depth adjustable



Insert to wire



Refillable ink ribbon:

Only the ribbon core needs to be replaced, allowing the cassette to be reused.

Black and white



Set ribbon to guide core



Check the rib fit to hole



Set guide core to cassette



Set guide core to cassette



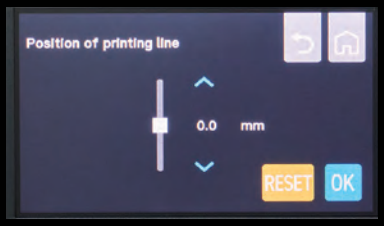
Set cassette to printer



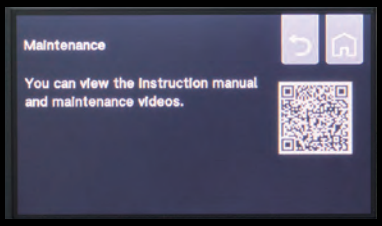
LCD colourful touch panel:



Colourful



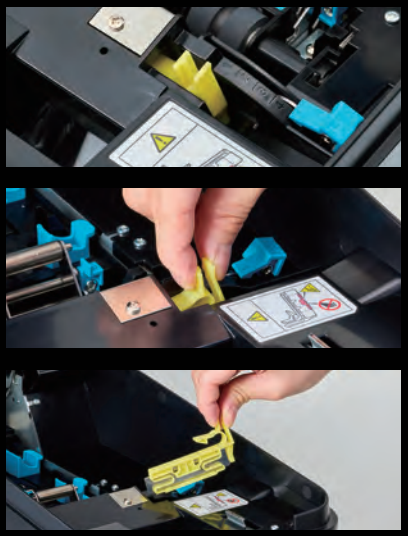
QR code for instruction



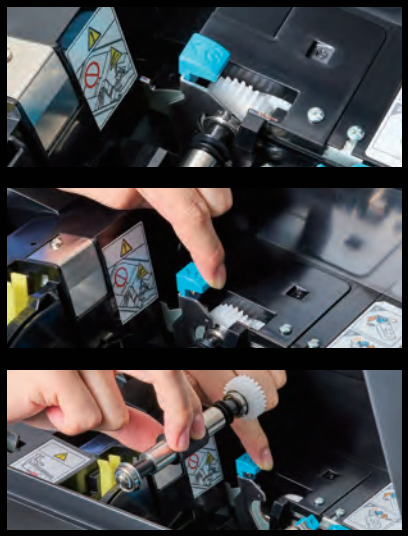
*"QR Code"is a trademark or registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.

Replaceable parts:

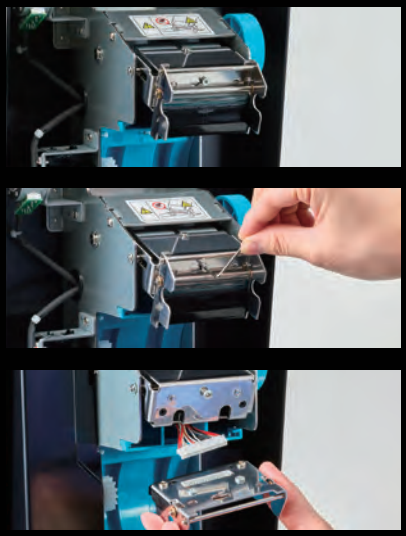
1 Half cutter



2 Platen roller



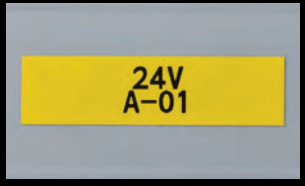
3 Thermal head



300dpi Thermal head:

Small characters can be printed clearly.

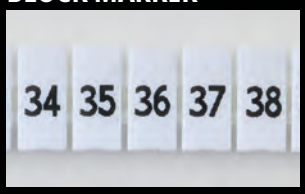
TAPE 2 lines



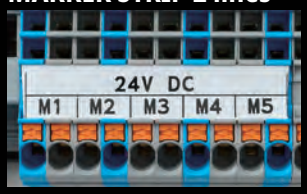
GRIP SLEEVE 2 lines



BLOCK MARKER



MARKER STRIP 2 lines



Print speed:

80mm/sec and 52 blocks/min
(20mm marking block with half cut)

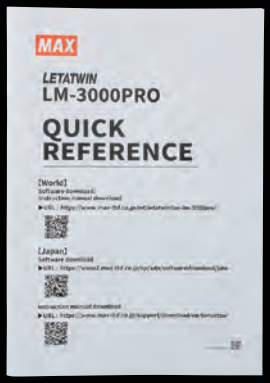


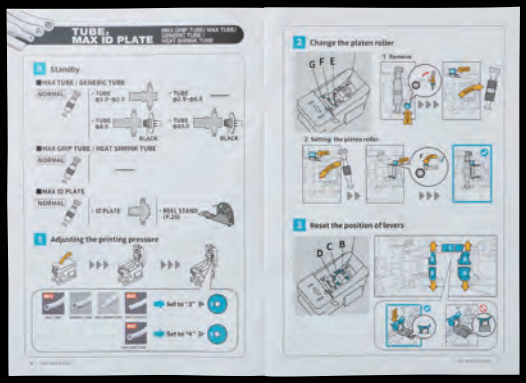
7 SPECIALIZED FEATURES:

LM-3000PRO is easy to use in panel manufacturing sites.

QUICK REFERENCE manual:

This manual comes with machine will help you install the consumables.





Website and Video:

You can watch videos that show how to set it up and operate it.

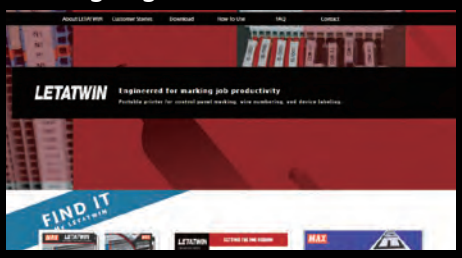
EU SITE

MAX EUROPE SITE



GLOBAL SITE

Landing Page



Operational Video



*The above web page is a temporary page design image and is not the final page design and is subject to change.

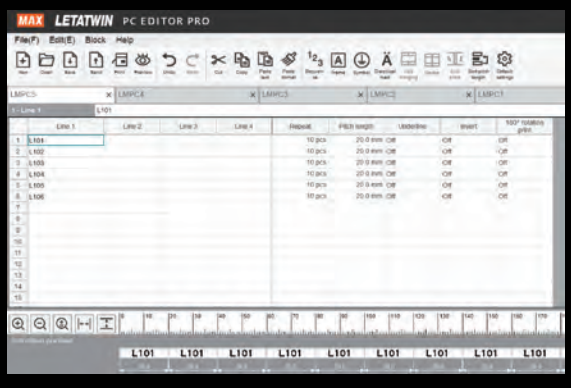
Design software for multiple printers:

You can create print files for both portable and desktop printers using the same design software.

Choose model



Input print data



Print



*Depending on the consumables you select, the same print file may not be printable on a portable printer LM-550A series.

Multiple interface:

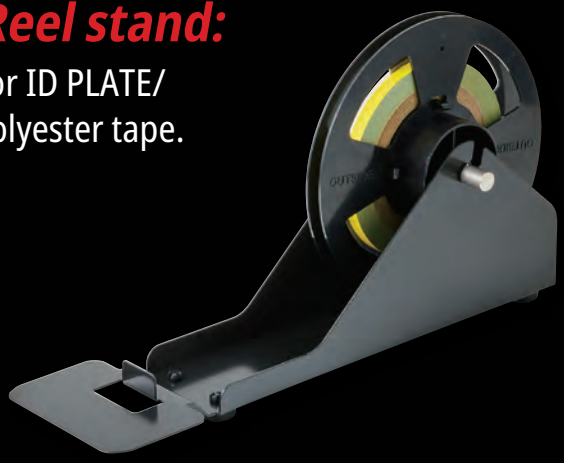
USB flash memory/
LAN cable/
USB cable(Type A-B)/
Wifi





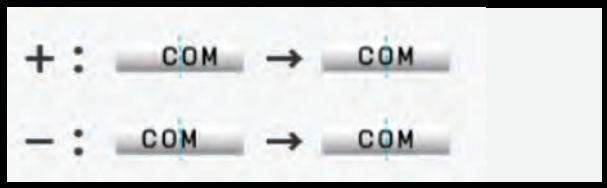
Reel stand:

For ID PLATE/
Polyester tape.

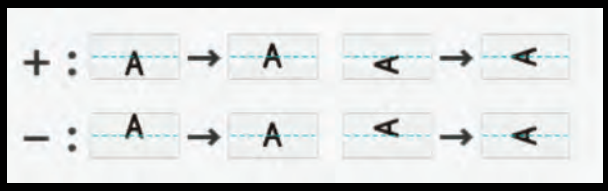


Adjustment function:

Cutting position adjustment.



Print position adjustment.



Remaining print length:

You can check the remaining time until printing is complete.



Jam removal:

You can open the door to remove any jammed items.





Manual full cut:

You can perform a full cut manually after printing is complete.



8 OTHER ITEMS/ATTACHCMENTS/SPECIFICATION

Ribbon cassette



Half cutter



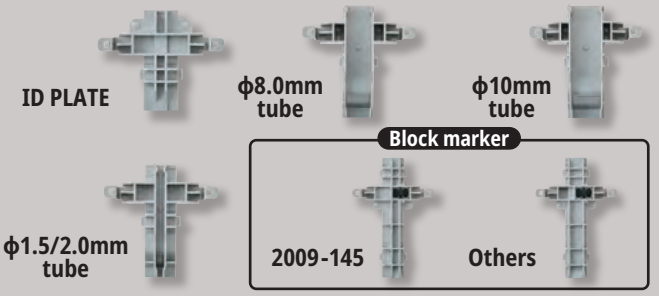
Thermal head



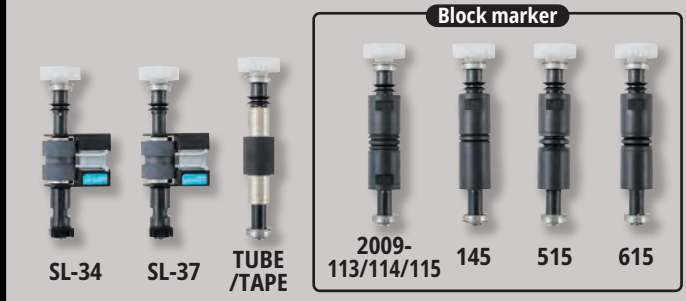
Reel Stand



Attachement



Platen roller



SPECIFICATIONS

ITEMS	CONTENTS
Name	LM-3000PRO
Product type	Tube marker
Dimentions	Approx.427(W)x256(D)x301(H)mm
Weight	Approx. 11kg(Excluding accessories and power cord)
Printing Method	Thermal transfer method(300dpi)
Display	4.3 inch Colourful touch panel(back light)
Print speed(tube print)	80mm/sec(Standard),50mm/sec(Low temperature mode)
	80blocks(20mm pitch/LM-TU432N2/Half cut/Standard Temp)
Maximum print length	GRIP SLEEVE 100m/Tube 100m/Tape 5m/Marker Plate 5m/
	ID Plate 20m/Block Marker 1000pc
	(Copy print:Tape 10m/Maker strip 10m)
Character size	1.3/2.0/2.4/3.0/4.0/6.0mm(height)
Tube size	ϕ1.5 to ϕ10.0mm(PVC tube)
	ϕ2.0 to ϕ19.0mm(Heat shrink tube)
Tape size	Width 5/9/12mm, White and Yellow(MAX genuine tapes)
ID plate size	Width 4.1mm(MAX LM-ID PLATE4110)
Terminal Block marker	WAGO products 2009-113/114/115/145/515/615
Marker strip	Width 5.5mm to 12.0mm
Ink ribbon(refillable)	Black 200m/roll(PVC&Heat Shrink), White 180m/roll(Heat shrink)
Tube cutting method	Auto half cut/Manual full cut
Main unit memory	None
External memory	USB flash memory
Interface	Wifi/USB-A(USB flash memory)/USB-B(2.0 full speed)/LAN
Wireles LAN	IEE802.11.b/g/n, n is 2.4GHz only, Station mode only,
	WPA-TKIP, 128-bit WPA2 CCMP(AES)
Tube heater	Built in
Power supply	Input AC100 to 240V 50/60Hz,
Power consumption	Max 70W,(15W stand by/10W hibernation)
Operating enviroment(tube print)	10°C to 35°C(without tube heater operation)
Storage enviroment(machine)	Temp -20°C to 60°C, Humidity 20% to 80% no condensation
Supported OS(in March 2026)	Windows 11

CONSUMABLES & OTHER ITEMS

Category	Product	Remarks
Machine	LM-3000PRO	Printer with half and full cut function
Ink ribbon	LM-IR3015B(BLACK)	200m/roll for PVC & heat shrink tube
	LM-IR3015W(WHITE)	180m/roll for heat shrink tube only
Ink ribbon cassette	LM-RC3015	Ribbon refillable cassette
GRIP SLEEVE *UL224 certified (Drum roll type)	LM-SL34W(WHITE)	Wire outerϕ2.1 to 3.4mm,75m/roll
	LM-SL34Y(YELLOW)	Wire outerϕ2.1 to 3.4mm,75m/roll
	LM-SL37W(WHITE)	Wire outerϕ3.0 to 3.7mm,75m/roll
	LM-SL37Y(YELLOW)	Wire outerϕ3.0 to 3.7mm,75m/roll
PVC Tube (Drum roll type)	LM-TU29G(WHITE)	Wire outerϕ1.9 to 2.1mm,100m/roll
	LM-TU37G(WHITE)	Wire outerϕ2.5 to 2.7mm,100m/roll
	LM-TU46G(WHITE)	Wire outerϕ3.0 to 3.7mm,100m/roll
	LM-TU425L2(WHITE)	Wire outer ϕ2.5 mm,250m/roll
	LM-TU427L2(WHITE)	Wire outer ϕ2.7 mm,250m/roll
	LM-TU432L2(WHITE)	Wire outer ϕ3.2 mm,250m/roll
	LM-TU434L2(WHITE)	Wire outer ϕ3.4 mm,250m/roll
	LM-TU436L2(WHITE)	Wire outer ϕ3.6 mm,250m/roll
	LM-TU442L(WHITE)	Wire outer ϕ4.2 mm,200m/roll
	LM-TU452L(WHITE)	Wire outer ϕ5.2 mm,135m/roll
	LM-TU464L(WHITE)	Wire outer ϕ6.4 mm,100m/roll
	LM-TU480L(WHITE)	Wire outer ϕ8.0 mm,70m/roll
PVC Tube *UL224 certified (Hank winding)	LM-TU332N2(WHITE)	Wire outer ϕ3.2 mm,100m/roll
	LM-TU336N2(WHITE)	Wire outer ϕ3.6 mm,100m/roll
	LM-TU342N2(WHITE)	Wire outer ϕ4.2 mm,80m/roll
	LM-TU352N2(WHITE)	Wire outer ϕ5.2 mm,80m/roll
Polyester tape	LM-TP3005W(WHITE)	5mm(Width)x30m/roll
	LM-TP3005Y(YELLOW)	5mm(Width)x30m/roll
	LM-TP3009W(WHITE)	9mm(Width)x30m/roll
	LM-TP3009Y(YELLOW)	9mm(Width)x30m/roll
	LM-TP3012W(WHITE)	12mm(Width)x30m/roll
	LM-TP3012Y(YELLOW)	12mm(Width)x30m/roll
Marker strip	LM-KM485(WHITE)	8.5mm(Width)x0.5mm(Thick)x25m/roll
	LM-KM495(WHITE)	9.5mm(Width)x0.5mm(Thick)x25m/roll
	LM-KM410(WHITE)	10.0mm(Width)x0.5mm(Thick)x25m/roll
	LM-KM4107(WHITE)	10.7mm(Width)x0.5mm(Thick)x25m/roll
ID plate	LM-ID PLATE4110(WHITE)	4.1mm(Width)x1.0mm(Thick)x20m/roll
Half cutter	LM-HC3000	(LM-3000PRO only)
Platen roller	LM-PR SL34	For GRIP SLEEVE LM-SL34 series
	LM-PR SL37	For GRIP SLEEVE LM-SL37 series
	LM-PR NORMAL	For tube/tape/marker strip
	LM-PR115	For WAGO A2009-113/114/115
	LM-PR145	For WAGO A2009-145
	LM-PR515	For WAGO A2009-515
	LM-PR615	For WAGO A2009-615
Thermal head	LM-3000PRO thermal head	User replacable
Attachment (Stabilizer)	No.1	For ϕ1.5 to 2.0mm tubes
	No.2	For ϕ8.0mm tube
	No.3	For ϕ10.0mm tube
	No.4	For block markers(113/114/115/515/615)
	No.5	For block marker(145)
	No.6	For ID plate(LM-ID PLATE4110)
Reel stand	Reel stand(with flanges)	For tape/ID plate
Ribbon flange	Ink ribbon flange	For ϕ8.0 to ϕ10.0mm tubes

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