



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!

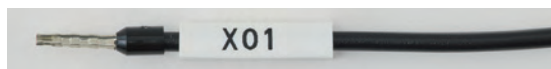
1 GRIP SLEEVE WIRE NUMBERING IMAGES;

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

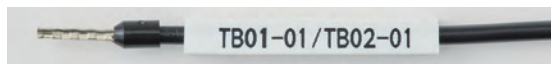


Numbering Examples:

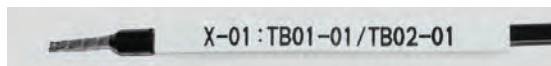
1 Wire Number:



2 Source/Target:



3 Wire Number & Source/Target:

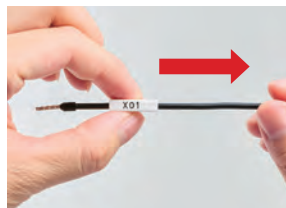


2 FEATURES:

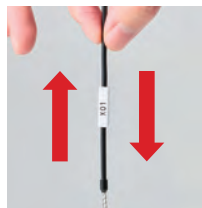
The special features of the GRIP SLEEVE can improve your wire-numbering process..

1 Grip Force:

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



Move



Stop



3 Simple Process

The printed marking block can slide over the ferrule terminals and remain fixed on the wire.



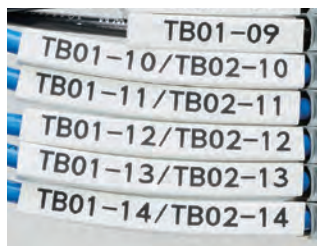
Print



insert

2 Clear Visibility:

Larger characters enhance visibility.



4 White and Yellow

Two-color marking blocks improve wire identification.



3 DOUBLE SIDED MARKING:

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



Process;

Step 1



Step 2



Step 3



Step 4



Step 5



4 SOURCE/TARGET MARKING:

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

Example:

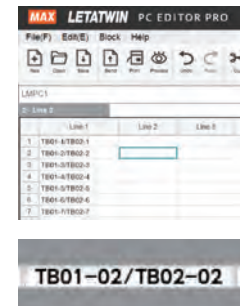


Process:

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 Paste 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			0.5mm ²	0.75mm ²		1.0mm ²	1.5mm ²				2.5mm ²		4.0mm ²			6.0mm ²
	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															

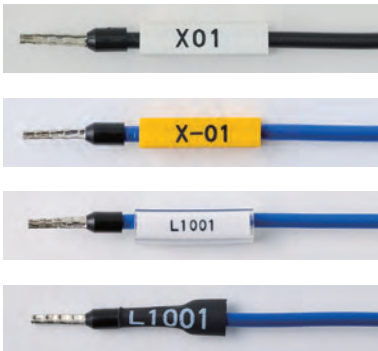
2

WIDE RANGE OF PRINT CONSUMABLES:

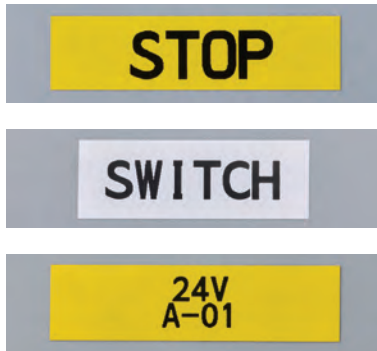
LM-3000PRO can print versatile consumables for control panel.



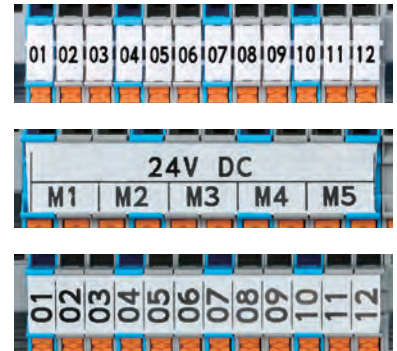
WIRE



DEVICE



TERMINAL BLOCK



3

BENEFIT OF LONG LENGTH CONSUMABLES:

Half cut function allows you to save on printing materials.

Half cut function:

Depth of half cut is can be adjusted.



Deeper



Shallower



GRIP SLEEVE 10-150mm (0.5-5.9in)

A1	B02	L1001	TB01-01
10mm	20mm	30mm	40mm

TAPE 3.5-60mm (0.14-2.36in)

A	L101	TB01-01	TB01-01/TB02-01
3.5mm	20mm	30mm	50mm

HS/PVC TUBE 10-150mm (0.5-5.9in)

A	L101	TB01-01	TB01-01/TB02-01
10mm	20mm	30mm	40mm

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
2099-113/114
/115/145



Wago
2099-515
for Phoenix



Wago
2099-615
for Weidmuller



*Since these are not consumables that we produce ourselves, depending on the compatibility between the consumables and the ink ribbon, printing may sometimes not be done cleanly.

3 MARKER STRIP

Print



Insert to
block



Done

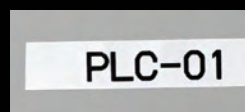


4 POLYESTER TAPE

Yellow x 5 9 12 mm



White x 5 9 12 mm



Reel Stand

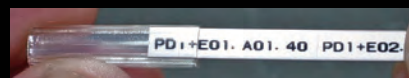


5 ID PLATE (PLASTIC TAG)

Printed



Insert to sleeve



Done

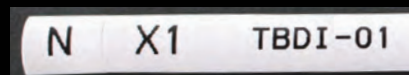


6 HEAT SHRINK TUBE/PVC TUBE

Printed HS TUBE Black



Printed HS TUBE White



GRIP TUBE/PVC NORMAL TUBE



*Since heat shrink tubing is not a consumable item that we produce ourselves, depending on the compatibility between the consumable and the ink ribbon, printing may sometimes not be done cleanly.

5 SOFTWARE:

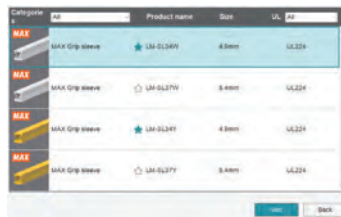
Simple design and easy-to-use software.

Operation Process

1
Model
Settings



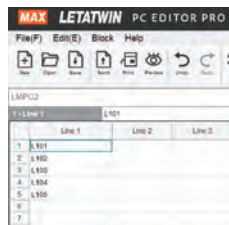
2
Consumable
Settings



3
Print
Settings

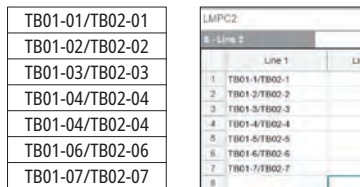


4
Print data
input(direct)



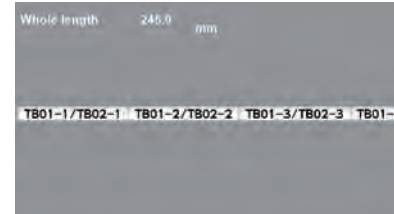
OR

5
Print data
input
(copy&paste)

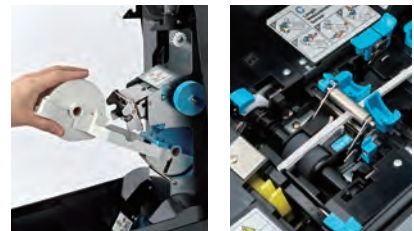


Microsoft Excel PC EDITOR PRO

6
Preview
check



7
Material
setting



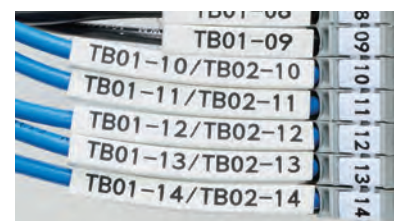
8
Print



9
Apply

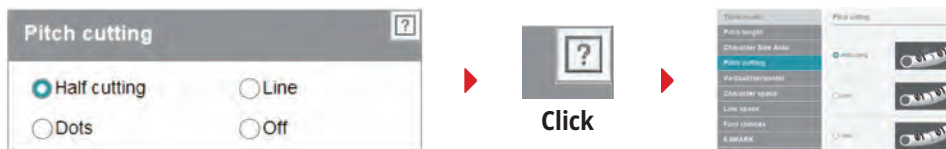


10
Marking
example



Useful features:

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



Individual Preview: Previews are available for each marking blocks.

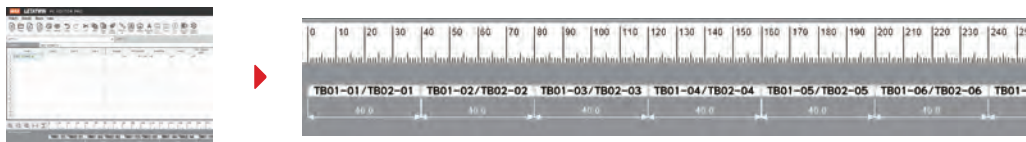
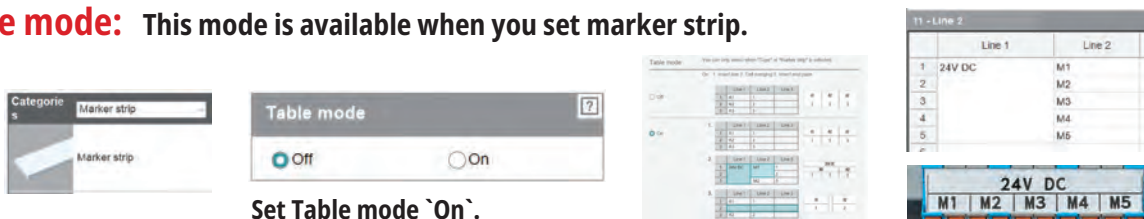
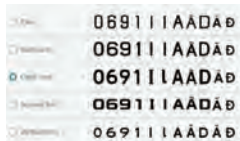


Table mode: This mode is available when you set marker strip.

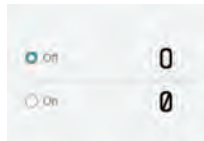


Detailed settings for control panel marking:

Font choices



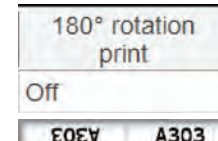
Zero slash



Vertical/Horizontal



180° rotation



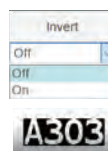
Character Space



Flame/Underline



Invert



Pitch length

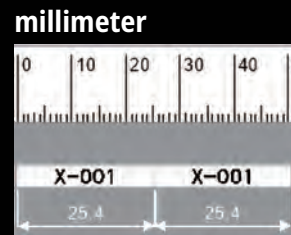
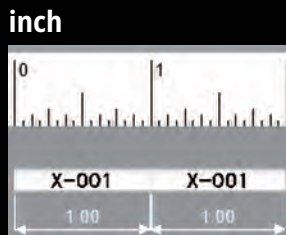
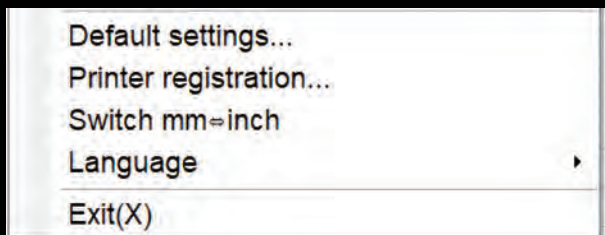


6 **PRINTER BASIC FUNCTIONS:**

This printer has the functionality for panel building.

Inch and centimeter selection:

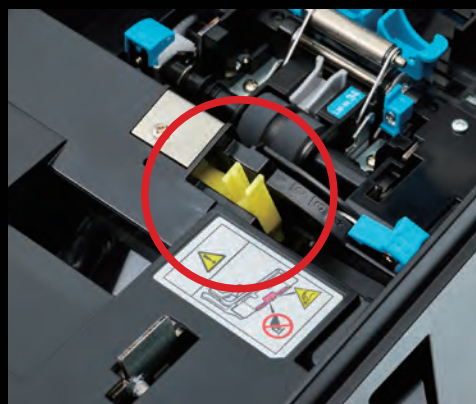
The software includes a unit-selection feature for inches or centimeters...



Half cut function:

Half cut function allows you to save on printing materials.

Half cutter unit



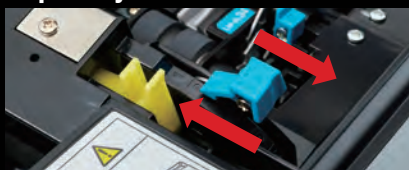
Replaceable



Half cut block



Depth adjustable



Insert to wire



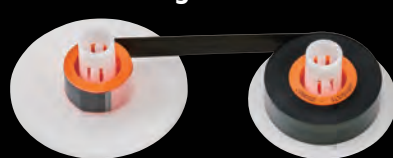
Refillable ink ribbon:

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 cassette to printer



Set guide core to cassette



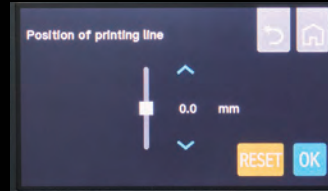
Set guide core to cassette



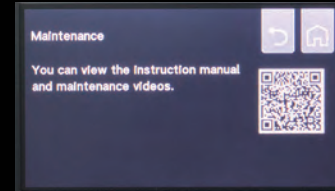
LCD colourful touch panel:



Colourful



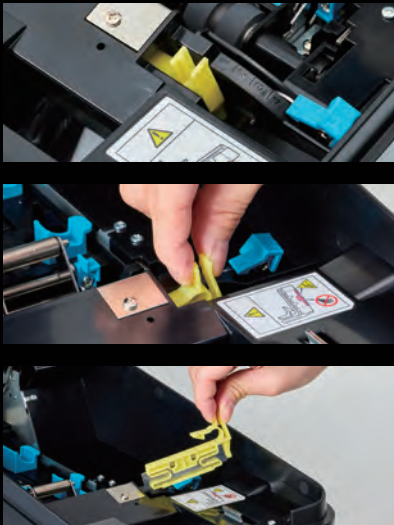
QR code for instruction



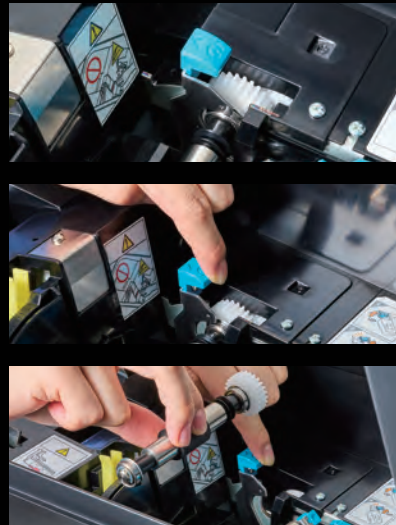
"QR Code" is a trademark or registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.

Replaceable parts:

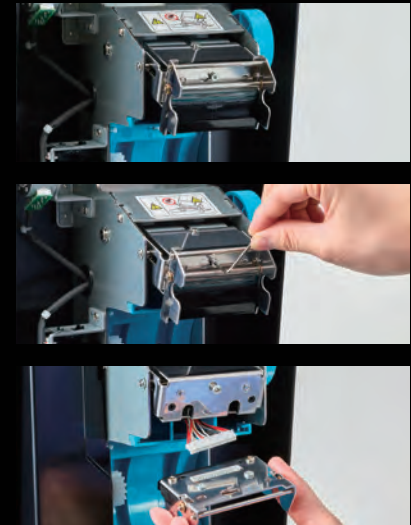
1 Half cutter



2 Platen roller



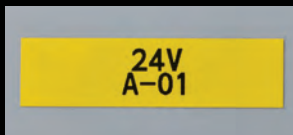
3 Thermal head



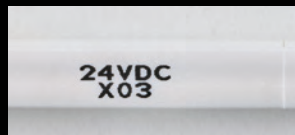
300dpi Thermal head:

Small characters can be printed clearly.

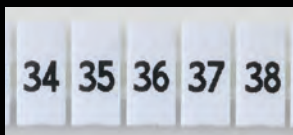
TAPE 2 lines



GRIP SLEEVE 2 lines



BLOCK MARKER



MARKER STRIP 2 lines



Print speed:

80mm(3.14in)/sec and 52 blocks/min
(20mm marking block with half cut)

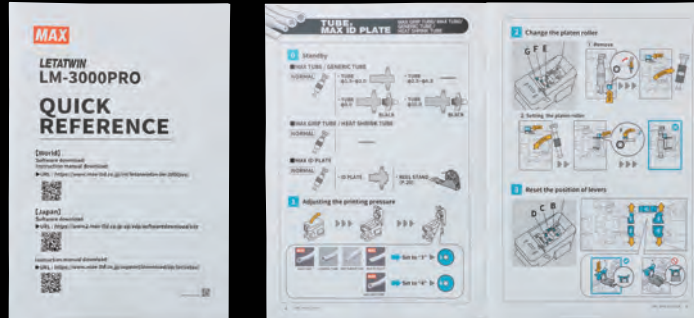


7 SPECIALIZED FEATURES:

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.

US SITE

MAX USA 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.

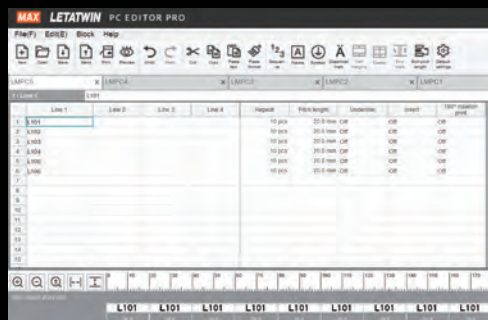
Design software for multiply printers:

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

Chose 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.

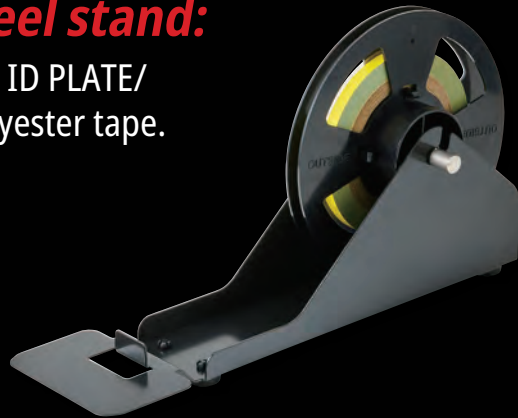
Multiple interface:

USB stick memory/
LAN cable/
Printer cable/
Wifi.



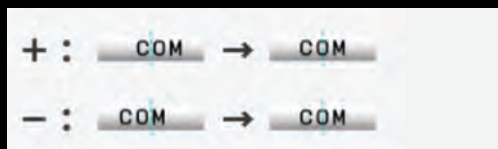
Reel stand:

For ID PLATE/
Polyester tape.



Adjustment function:

Cutting position adjustment.

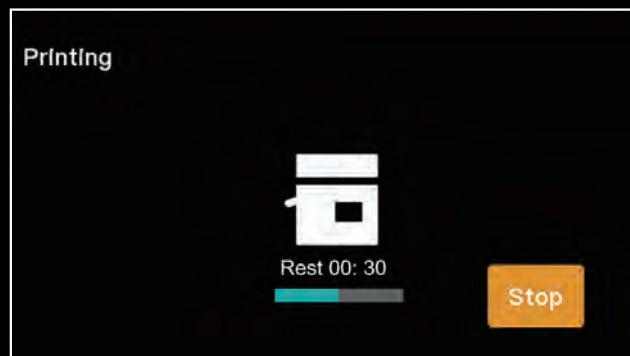


Print position adjustment.



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.



Ribbon cassette



Half cutter



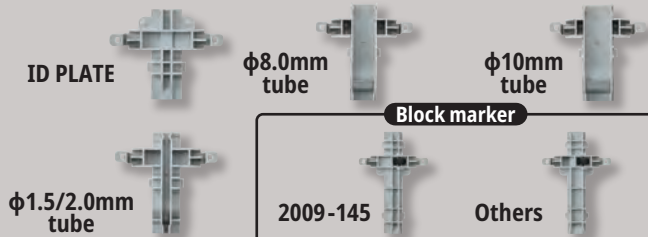
Thermal head



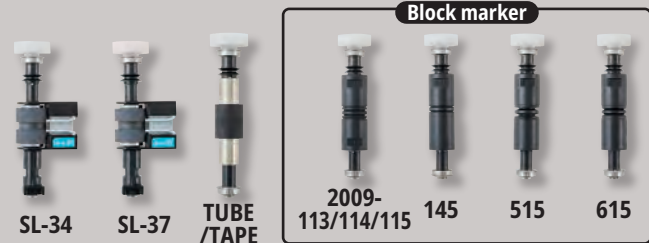
Reel Stand



Attachement



Platen roller



SPECIFICATIONS

ITEMS	CONTENTS
Name	LM-3000PRO
Product type	Tube marker
Dimensions	Approx.427(W)x256(D)x301(H)mm(16.81Wx10.08Dx11.85H In)
Weight	Approx. 11kg(24.252lb) *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(3.14in)/sec(Standard),50mm(1.96in)/sec(Low temp mode) 80blocks(20mm pitch/LM-TU432L2/Half cut/Standard Temp)
Maximum print length	GRIP SLEEVE 100m(328ft)/Tube 100m(328ft)/Tape 5m(16ft) Marker Plate 5m(16ft)/ID Plate 20m(65.61ft)/ Block Marker 1000pcs(Copy print:Tape 10m/Maker strip 10m)
Character size	1.3/2.0/2.4/3.0/4.0/6.0mm(height)(0.051/0.079/0.094/0.118/0.157/0.236 in)
Tube size	$\phi 1.5$ to $\phi 10.0\text{mm}$ (PVC tubing) $\phi 2.0$ to $\phi 19.0\text{mm}$ (Heat shrink tubing) *PANDUIT HS tubing was tested print quality, but not guaranteed.
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(656.2ft)/roll(For PVC and white heat shrink tubing) White 180m(590.55ft)/roll(Only for black heat shrink tubing)
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
Wireless LAN	IEEE802.11.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 environment(tube print)	10°C to 35°C(50 to 95°F)(without tube heater operation)
Storage environment(machine)	Temp -20°C to 60°C(-4~140°F), 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(656.2ft) for PVC & heat shrink tubing
Ink ribbon	LM-IR3015W(WHITE)	180m(590.55ft) for heat shrink tubing only
Ink ribbon cassette	LM-RC3015	Ribbon replaceable cassette
GRIP SLEEVE	LM-SL34W(WHITE)	Wire outer $\phi 2.1$ to 3.4mm, 75m(246ft)/roll
*UL224 certified (Drum roll type)	LM-SL34Y(YELLOW)	Wire outer $\phi 2.1$ to 3.4mm, 75m(246ft)/roll
	LM-SL37W(WHITE)	Wire outer $\phi 3.0$ to 3.7mm, 75m(246ft)/roll
	LM-SL37Y(YELLOW)	Wire outer $\phi 3.0$ to 3.7mm, 75m(246ft)/roll
	LM-TU29G(WHITE)	Wire outer $\phi 1.9$ to 2.1mm, 100m(328ft)/roll
	LM-TU37G(WHITE)	Wire outer $\phi 2.5$ to 2.7mm, 100m(328ft)/roll
	LM-TU46G(WHITE)	Wire outer $\phi 3.0$ to 3.7mm, 100m(328ft)/roll
	LM-TU425L2(WHITE)	Wire outer $\phi 2.5$ mm, 250m(820ft)/roll
	LM-TU427L2(WHITE)	Wire outer $\phi 2.7$ mm, 250m(820ft)/roll
PVC Tube (Drum roll type)	LM-TU432L2(WHITE)	Wire outer $\phi 3.2$ mm, 250m(820ft)/roll
	LM-TU434L2(WHITE)	Wire outer $\phi 3.4$ mm, 250m(820ft)/roll
	LM-TU436L2(WHITE)	Wire outer $\phi 3.6$ mm, 250m(820ft)/roll
	LM-TU442L(WHITE)	Wire outer $\phi 4.2$ mm, 200m(656ft)/roll
	LM-TU452L(WHITE)	Wire outer $\phi 5.2$ mm, 135m(442ft)/roll
	LM-TU464L(WHITE)	Wire outer $\phi 6.4$ mm, 100m(328ft)/roll
	LM-TU480L(WHITE)	Wire outer $\phi 8.0$ mm, 70m(229ft)/roll
PVC Tube *UL224 certified (Hank winding)	LM-TU332N2(WHITE)	Wire outer $\phi 3.2$ mm, 100m(328ft)/roll
	LM-TU336N2(WHITE)	Wire outer $\phi 3.6$ mm, 100m(328ft)/roll
	LM-TU342N2(WHITE)	Wire outer $\phi 4.2$ mm, 80m(262ft)/roll
	LM-TU352N2(WHITE)	Wire outer $\phi 5.2$ mm, 80m(262ft)/roll
	LM-TP3005W(WHITE)	5mm(Width)x30m(98ft)/roll
	LM-TP3005Y(YELLOW)	5mm(Width)x30m(98ft)/roll
Polyester tape	LM-TP3009W(WHITE)	9mm(Width)x30m(98ft)/roll
	LM-TP3009Y(YELLOW)	9mm(Width)x30m(98ft)/roll
	LM-TP3012W(WHITE)	12mm(Width)x30m(98ft)/roll
	LM-TP3012Y(YELLOW)	12mm(Width)x30m(98ft)/roll
	LM-KM485(WHITE)	8.5mm(Width)x0.5mm(Thick)x25m(82ft)/roll
	LM-KM495(WHITE)	9.5mm(Width)x0.5mm(Thick)x25m(82ft)/roll
Marker strip	LM-KM410(WHITE)	10.0mm(Width)x0.5mm(Thick)x25m(82ft)/roll
	LM-KM4107(WHITE)	10.7mm(Width)x0.5mm(Thick)x25m(82ft)/roll
ID plate	LM-ID PLATE4110(WHITE)	4.1mm(Width)x1.0mm(Thick)x20m(65ft)/roll (LM-3000PRO only)
Half cutter	LM-HC3000	
	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
Platen roller	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 replaceable
	No.1	For $\phi 1.5$ to 2.0mm tubes
	No.2	For $\phi 8.0\text{mm}$ tube
Attachment (Stabilizer)	No.3	For $\phi 10.0\text{mm}$ 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 $\phi 8.0$ to $\phi 10.0\text{mm}$ tubes

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