

# THERMOMARK E.300 US - Thermal transfer printer



1287021

<https://www.phoenixcontact.com/us/products/1287021>

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Thermal transfer printer for printing all materials in roll format with a print resolution of 300 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

## Product description

Benefit from the flexibility of the THERMOMARK E.300 industrial printer:

Use the printer to print all roll materials in the MARKING system portfolio for professional and durable wire and cable identification, equipment and plant identification, and terminal identification.

In addition to prepunched label formats, you can also process shrink sleeve as well as label material in continuous format. To do this, simply combine the printer with the THERMOMARK E.CUTTER or E.CUTTER/P for the convenient cutting or perforation of materials in continuous format.

For the maximum efficiency of identification processes, combine the standard printer with a THERMOMARK E SERIES applicator. This will transform your printer into an efficient printing and application system, enabling you to achieve an average time saving of 60% as the markers are printed and applied in just one automated process step. With the THERMOMARK E.300, the THERMOMARK E.WIRE and E.SLEEVE applicators can be used for efficient wire and cable identification and the THERMOMARK E.VARIO can be used for efficient terminal identification.

Scope of supply:

THERMOMARK E.300, power cable (pin connector pattern: type "B"), USB cable, EML (20X8)R/TL label roll (0802999), THERMOMARK-RIBBON 110/50 ink ribbon (0800687), multilingual packing slip

## Your advantages

- Suitable for all roll materials in the MARKING system product portfolio
- The THERMOMARK E.300 can process larger material rolls than the THERMOMARK ROLL 2.0
- Continuous media in roll format can be easily cut or perforated using the THERMOMARK E.CUTTER (for cutting label material in continuous format) or the THERMOMARK E.CUTTER/P (for perforating shrink sleeve in continuous format)
- Easily transform the standard printer into an efficient printing and application system: Compatibility with the THERMOMARK E SERIES applicators THERMOMARK E.WIRE, E.SLEEVE, and E.VARIO
- When operating the printer with an applicator for wire and cable identification, convenient and intuitive project processing is possible directly via the 4.3" multicolor LCD touch display; the user also receives structured guidance and is supplied with the relevant information
- Easy handling of all status and error messages, as corresponding videos can be accessed and played directly via the touch display
- Status messages are conveniently sent in real time and bidirectionally to the marking software with OPC UA when operating the printer via the Ethernet interface
- The 300 dpi print resolution is the absolute industry standard for all conventional applications and materials
- Efficient and maintenance-free operation with proven thermal transfer printing technology

## Commercial data

|                        |         |
|------------------------|---------|
| Item number            | 1287021 |
| Packing unit           | 1 pc    |
| Minimum order quantity | 1 pc    |

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|                                      |               |
|--------------------------------------|---------------|
| Sales key                            | BG01          |
| Product key                          | BG1221        |
| GTIN                                 | 4063151512163 |
| Weight per piece (including packing) | 12,800 g      |
| Weight per piece (excluding packing) | 9,780 g       |
| Customs tariff number                | 84433210      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Product type      | Printing system                                                        |
| Scope of delivery | Power cable, USB cable, operating instructions, label roll, ink ribbon |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 01 |
|------------------|----|

### Marking

|                           |                            |
|---------------------------|----------------------------|
| Identification technology | Thermal transfer for rolls |
|---------------------------|----------------------------|

### Device properties

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| Print width      | 105 mm                                                                                |
| Print resolution | 300 dpi                                                                               |
| Operating system | Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022 |

### Electrical properties

#### Supply

|                      |                                         |
|----------------------|-----------------------------------------|
| Supply voltage range | 100 V AC ... 240 V AC (50 Hz ... 60 Hz) |
|----------------------|-----------------------------------------|

### Interfaces

|           |                                       |
|-----------|---------------------------------------|
| Interface | 10/100 Mbps Ethernet, USB 2.0, RS-232 |
|-----------|---------------------------------------|

### Dimensions

|        |        |
|--------|--------|
| Width  | 252 mm |
| Height | 288 mm |
| Length | 460 mm |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                |
|---------------------------------|----------------|
| Ambient temperature (operation) | 5 °C ... 40 °C |
|---------------------------------|----------------|

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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1287021>



**cULus Listed**

Approval ID: E140403



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Approval ID: E140403

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 19140104 |
| ECLASS-12.0 | 19140104 |
| ECLASS-13.0 | 19140104 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC001672 |
|----------|----------|

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## Accessories

### THERMOMARK E.WIRE - Applicator

1203216

<https://www.phoenixcontact.com/us/products/1203216>



Applicator for the efficient printing and application of movable E-WM... markers on wires and cables in a single automated process step

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### THERMOMARK E.SLEEVE - Applicator

1192932

<https://www.phoenixcontact.com/us/products/1192932>



Applicator for the efficient printing and application of E-WMS... shrink sleeves and marking sleeves on wires and cables in a single automated process step

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## THERMOMARK E.CUTTER - Cutter

1234241

<https://www.phoenixcontact.com/us/products/1234241>

Cutter for marking materials in continuous format for cutting custom lengths



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## THERMOMARK E.CUTTER/P - Cutter

1201336

<https://www.phoenixcontact.com/us/products/1201336>

Perforation cutter for all shrink sleeve and marking sleeve versions in continuous format for cutting custom lengths



# THERMOMARK E.300 US - Thermal transfer printer



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## THERMOMARK-RIBBON 110 - Ink ribbon

5145384

<https://www.phoenixcontact.com/us/products/5145384>



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., length: 300 m, roll length: 300 m, width: 110 mm, color: black

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## THERMOMARK-RIBBON 110 BU - Ink ribbon

0829544

<https://www.phoenixcontact.com/us/products/0829544>



Ink ribbon, length: 300 m, roll length: 300 m, width: 110 mm, color: blue

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## THERMOMARK-RIBBON 110 GN - Ink ribbon

0829542

<https://www.phoenixcontact.com/us/products/0829542>



Ink ribbon, length: 300 m, roll length: 300 m, width: 110 mm, color: green

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## THERMOMARK-RIBBON 110 RD - Ink ribbon

0829543

<https://www.phoenixcontact.com/us/products/0829543>



Ink ribbon, length: 300 m, roll length: 300 m, width: 110 mm, color: red

# THERMOMARK E.300 US - Thermal transfer printer



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## THERMOMARK-RIBBON 110/50 - Ink ribbon

0800687

<https://www.phoenixcontact.com/us/products/0800687>



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., length: 50 m, roll length: 50 m, width: 110 mm, color: black

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## THERMOMARK-RIBBON 110-EML-HT - Ink ribbon

0800342

<https://www.phoenixcontact.com/us/products/0800342>



Ink ribbon, for roll printer for printing product group EML-HT..., length: 300 m, roll length: 300 m, width: 110 mm, color: black

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## THERMOMARK-RIBBON 110-WMS - Ink ribbon

5145397

<https://www.phoenixcontact.com/us/products/5145397>



Ribbon sheet, length: 300 m, width: 110 mm, printing color: Black (specially for shrinking sleeves)

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## THERMOMARK-RIBBON 110-WMSU - Ink ribbon

0801358

<https://www.phoenixcontact.com/us/products/0801358>



Ink ribbon, For roll printer for printing product groups WMS..., WMS-2 HF..., and WMTB HF-HP, length: 300 m, roll length: 300 m, width: 110 mm, color: black

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## THERMOMARK-RIBBON 110-WMSU WH - Ink ribbon

0801359

<https://www.phoenixcontact.com/us/products/0801359>



Ink ribbon, for roll printer for printing product group WMS... (black), length: 300 m, roll length: 300 m, width: 110 mm, color: white

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## THERMOMARK-RIBBON 110-WMTB HF - Ink ribbon

5148007

<https://www.phoenixcontact.com/us/products/5148007>



Ink ribbon, for roll printer for printing product groups WMTB HF..., WMS-2 HF..., TMT..., EMT..., EMLF..., PML-..., length: 300 m, roll length: 300 m, width: 110 mm, color: black

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## THERMOMARK-RIBBON 25-WMSU - Ink ribbon

0803390

<https://www.phoenixcontact.com/us/products/0803390>



Ink ribbon, for roll printer for printing product groups WMS... and WMS-2 HF..., length: 300 m, roll length: 300 m, width: 25 mm, color: black

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## THERMOMARK-RIBBON 64-WMSE - Ink ribbon

5145724

<https://www.phoenixcontact.com/us/products/5145724>



Ink ribbon, for roll printer for printing product group WMS..., length: 300 m, roll length: 300 m, width: 64 mm, color: black

# THERMOMARK E.300 US - Thermal transfer printer



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<https://www.phoenixcontact.com/us/products/1287021>

## THERMOMARK-RIBBON 64-WMSE RD - Ink ribbon

5145740

<https://www.phoenixcontact.com/us/products/5145740>

Ink ribbon, length: 300 m, roll length: 300 m, width: 64 mm, color: red



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## THERMOMARK-RIBBON 64-WMSU - Ink ribbon

0801360

<https://www.phoenixcontact.com/us/products/0801360>

Ink ribbon, for roll printer for printing product groups WMS... and WMS-2 HF..., length: 300 m, roll length: 300 m, width: 64 mm, color: black



# THERMOMARK E.300 US - Thermal transfer printer



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<https://www.phoenixcontact.com/us/products/1287021>

## THERMOMARK-RIBBON 64-WMSU WH - Ink ribbon

0801361

<https://www.phoenixcontact.com/us/products/0801361>



Ink ribbon, for roll printer for printing product group WMS... (black), length: 300 m, roll length: 300 m, width: 64 mm, color: white

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## TM-RIBBON 105 BK 106 - Ink ribbon

1255597

<https://www.phoenixcontact.com/us/products/1255597>



Ink ribbon, for roll printer for printing product groups WMTB HF-D, length: 0.3 m, roll length: 300 m, width: 105 mm, color: black

# THERMOMARK E.300 US - Thermal transfer printer



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<https://www.phoenixcontact.com/us/products/1287021>

## TM-RIBBON 110 WH 100 - Ink ribbon

0804661

<https://www.phoenixcontact.com/us/products/0804661>



Ink ribbon, For THERMOMARK roll printers and THERMOMARK CARD for printing material-off-the-roll product groups: EML ..., EMLP ..., EMLF ..., PML-M . . ., WMTB HF-HP..., WMS-2 HF ... RD and US-material product groups: US-EML(S)P ..., US-EMLP-HA ..., US-EM(S)P ..., US-WMT ..., US-WMTB ..., US-PML-M ..., US-EMLF ..., length: 60 m, roll length: 60 m, width: 110 mm, color: white

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## TM-RIBBON 110 WH 101 - Ink ribbon

1099966

<https://www.phoenixcontact.com/us/products/1099966>



Ink ribbon, For THERMOMARK roll printers for printing the product group material off the roll: PML-T..., length: 60 m, roll length: 60 m, width: 110 mm, color: white

# THERMOMARK E.300 US - Thermal transfer printer



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## TM-RIBBON 110-EX - Ink ribbon

0803211

<https://www.phoenixcontact.com/us/products/0803211>



Ink ribbon, for roll printer for printing product group EML-EX..., length: 280 m, roll length: 280 m, width: 110 mm, color: black

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## TM-RIBBON 110-WMTB HF WH - Ink ribbon

0802990

<https://www.phoenixcontact.com/us/products/0802990>



Ink ribbon, for roll printer for printing product group WMTB HF..., length: 300 m, roll length: 300 m, width: 110 mm, color: white

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<https://www.phoenixcontact.com/us/products/1287021>

## TM-RIBBON 25 BK 102 - Ink ribbon

1053499

<https://www.phoenixcontact.com/us/products/1053499>



Ink ribbon, for printing WMS-OT/WMS-2 HF... materials, length: 300 m, roll length: 300 m, width: 25 mm, color: black

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## TM-RIBBON 30 BK 103 - Ink ribbon

1309076

<https://www.phoenixcontact.com/us/products/1309076>



Ink ribbon, for the E-WM... product group in combination with the THERMOMARK E.WIRE applicator, length: 300 m, roll length: 300 m, width: 30 mm, color: black

# THERMOMARK E.300 US - Thermal transfer printer



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## TM-RIBBON 40 BK 105 - Ink ribbon

1259008

<https://www.phoenixcontact.com/us/products/1259008>



Ink ribbon, for the E-WMS... product group in combination with the THERMOMARK E.SLEEVE applicator and the WMS... and WMS-2 HF... product groups in combination with conventional roll printers, length: 300 m, roll length: 300 m, width: 40 mm, color: black

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## TM-RIBBON 64 BK 103 - Ink ribbon

1255598

<https://www.phoenixcontact.com/us/products/1255598>



Ink ribbon, For the E-WML... product group in combination with the THERMOMARK E.WRAP applicator, length: 0.3 m, roll length: 300 m, width: 64 mm, color: black

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## PROJECT COMPLETE - Software

1050453

<https://www.phoenixcontact.com/us/products/1050453>



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download

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## TRM-PRESSURE ROLLER STANDARD - Pressure roller

0804655

<https://www.phoenixcontact.com/us/products/0804655>



Standard pressure roller

# THERMOMARK E.300 US - Thermal transfer printer



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<https://www.phoenixcontact.com/us/products/1287021>

## TRM-PRESSURE ROLLER 4-50 - Pressure roller

0804656

<https://www.phoenixcontact.com/us/products/0804656>



Pressure roller for continuous shrink sleeve

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## TM E.WIRE/E.SLEEVE-PR - Pressure roller

1259203

<https://www.phoenixcontact.com/us/products/1259203>



Pressure roller for all E-WM... and E-WMS... materials (for material width of up to 30 mm/1.18")

# THERMOMARK E.300 US - Thermal transfer printer



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<https://www.phoenixcontact.com/us/products/1287021>

## TM E.300/E.600-TEAR OFF PLATE - Demolition plate

1263118

<https://www.phoenixcontact.com/us/products/1263118>

Tear-off plate for all roll printers in the THERMOMARK E SERIES



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## TM E.300/E.600-FRONT COVER - Front plate

1285305

<https://www.phoenixcontact.com/us/products/1285305>

Front panel for all roll printers in the THERMOMARK E SERIES



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## THERMOMARK ROLL-ERH - Media hub

5146448

<https://www.phoenixcontact.com/us/products/5146448>



External media hub, for the THERMOMARK ROLL, for roll diameter of 150 to 400 mm

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## THERMOMARK-ERH 500 - Media hub

5146309

<https://www.phoenixcontact.com/us/products/5146309>



External media hub, for the THERMOMARK ROLL, for roll diameter of up to 500 mm

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## THERMOMARK-CP - Accessories

5145371

<https://www.phoenixcontact.com/us/products/5145371>

Cleaning pen, for thermal transfer printers



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## CLEANING STICK - Cleaning pen

5146697

<https://www.phoenixcontact.com/us/products/5146697>

Cleaning stick for fast and efficient printhead cleaning of all Phoenix Contact thermal transfer printers.



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## TRM-MARGIN STOP - Locking

0804657

<https://www.phoenixcontact.com/us/products/0804657>

Locking



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## THERMOMARK ROLLMASTER-CASE - Case

0804643

<https://www.phoenixcontact.com/us/products/0804643>

Transport case for THERMOMARK ROLLMASTER and THERMOMARK E SERIES printers



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