

# TE-200/300



Available in  
203 & 300 dpi

## KEY FEATURES

- 152.4 mm (6") per second print speed
- 300 meter (984') ribbon supply on a 25.4 mm (1") core (coated outside)
- 72 to 110 meter (361') ribbon supply on
- 127 mm (5") OD internal media supply, optional external media holder supports 214 mm (8.4") OD label rolls on 76.2 mm (3") core
- Print mechanism for kiosk applications
- 400 MHz 32-bit RISC processor with 16 MB SDRAM, 8 MB Flash memory for TE200/TE300, and 64 MB SDRAM, 128 MB Flash memory for TE210/TE310
- Internally scalable true type fonts
- TSPL-EZD firmware emulates TPLE, TPLZ, and TPLD languages out of the box
- Free Windows® drivers and label design software (available via download)
- ENERGY STAR® qualified

## APPLICATIONS

- Manufacturing & Warehousing  
Work in Progress  
Item Labels  
Instruction Labels  
Agency Labels
- Healthcare  
Patient Identification  
Pharmacy  
Specimen Identification
- Parcel Post  
Shipping Labels  
Receiving Labels
- Small Office/Home Office  
Shipping Labels  
File folder labels  
Product identification
- Retail Marking  
Price Tags  
Shelf Labels  
Jewelry Tags

In-house Roll  
Label Production

Free label design  
software included

Insert symbols, logos  
or barcodes

Distribution, Shipping  
& Receiving Labels

Labels printed as  
required. No waste

Self adhesive, fabric,  
tickets and labels

*We have 30 years experience in label manufacturing, please ask if your label type is not listed*

## TE200 SERIES – Desktop Thermal Transfer Bar Code Printer

| PRINTER MODEL                | TE200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TE300                        | TE210                                                                                                                                                                                                       | TE310                          |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Resolution                   | 8 dots/mm (203 DPI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12 dots/mm (300 DPI)         | 8 dots/mm (203 DPI)                                                                                                                                                                                         | 12 dots/mm (300 DPI)           |
| Printing method              | Thermal Transfer & Direct Thermal                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |                                                                                                                                                                                                             |                                |
| Max. print speed             | 152.4 mm (6")/second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 127 mm (5")/second           | 152.4 mm (6")/second                                                                                                                                                                                        | 127 mm (5")/second             |
| Max. print width             | 108 mm (4.25")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 105.7 mm (4.16")             | 108 mm (4.25")                                                                                                                                                                                              | 105.7 mm (4.16")               |
| Max. print length            | 2,794 mm (110")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1,016 mm (40")               | 25,400 mm (1000")                                                                                                                                                                                           | 11,430 mm (450")               |
| Enclosure                    | ABS plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                                                                                                                                                                                                             |                                |
| Physical dimension           | 204 mm (W) x 164 mm (H) x 280 mm (D)<br>8.03" (W) x 6.46" (H) x 11.02" (D)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |                                                                                                                                                                                                             |                                |
| Weight                       | 2.4 kg (5.29 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              | 2.5 kg (5.51 lbs)                                                                                                                                                                                           |                                |
| Label roll capacity          | 127 mm (5") OD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |                                                                                                                                                                                                             |                                |
| Ribbon                       | 300 m long, max. OD 67 mm, 1" core (ink coated outside)<br>110 m long, max. OD 40 mm, 0.5" core (ink coated outside)                                                                                                                                                                                                                                                                                                                                                                                          |                              |                                                                                                                                                                                                             |                                |
| Ribbon width                 | 40 mm ~ 110 mm (1.6" ~ 4.3")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                                                                                                                                                                                                             |                                |
| Processor                    | 32-bit RISC CPU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                                                                                                                                                                                                             |                                |
| Memory                       | • 8 MB Flash memory<br>• 16 MB SDRAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              | • 128 MB Flash memory<br>• 64 MB SDRAM                                                                                                                                                                      |                                |
| Interface                    | • USB 2.0<br>• Internal Bluetooth 4.0 (factory option)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              | • USB 2.0   • USB host<br>• Internal Ethernet, 10/100 Mbps<br>• RS232<br>• Internal Bluetooth 4.0 (factory option)                                                                                          |                                |
| Power                        | External universal switching power supply<br>• Input: AC 100-240V, 2.5A, 50-60Hz                                                                                                                                                                                                                                                                                                                                                                                                                              |                              | • Output: DC 24V, 2.5A, 60W                                                                                                                                                                                 |                                |
| Operation switch, button LED | 1 power switch, 1 feed and pause button & 1 LED (3 colors: green, amber & red)                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |                                                                                                                                                                                                             |                                |
| Sensors                      | • Transmissive gap sensor<br>• Black mark reflective sensor (position adjustable)                                                                                                                                                                                                                                                                                                                                                                                                                             |                              | • Ribbon end sensor<br>• Head open sensor                                                                                                                                                                   |                                |
| Internal fonts               | • 8 alpha-numeric bitmap fonts<br>• Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font                                                                                                                                                                                                                                                                                                                                                                                |                              |                                                                                                                                                                                                             |                                |
| Bar code                     | • 1D bar code<br>Code 128UCC, Code 128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Code 39, Code 39 with check digit, Code 93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, Code 11, TELEPEN, TELEPENN, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS<br>• 2D bar code<br>GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417 |                              |                                                                                                                                                                                                             |                                |
| Font and barcode rotation    | 0, 90, 180, 270 degree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |                                                                                                                                                                                                             |                                |
| Printer language             | TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |                                                                                                                                                                                                             |                                |
| Media type                   | Continuous, die-cut, black mark, fan-fold, notched (outside wound)                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                                                                                                                                                                                                             |                                |
| Media width                  | 20 ~ 112 mm (0.8" ~ 4.4")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |                                                                                                                                                                                                             |                                |
| Media thickness              | 0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                                                                                                                                             |                                |
| Media core diameter          | 25.4 ~ 38 mm (1" ~ 1.5")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |                                                                                                                                                                                                             |                                |
| Label length                 | 5 ~ 2,794 mm<br>(0.2" ~ 110")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5 ~ 1,016 mm<br>(0.2" ~ 40") | 5 ~ 25,400 mm<br>(0.2" ~ 1000")                                                                                                                                                                             | 5 ~ 11,430 mm<br>(0.2" ~ 450") |
| Environment condition        | Operation: 5 ~ 40°C, 25 ~ 85% non-condensing<br>Storage: -40 ~ 60°C, 10 ~ 90% non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                                                                                                                                                                                                             |                                |
| Safety regulation            | FCC Class A, CE Class A, C-Tick Class A, UL, cUL,<br>TUV/safety, CCC, EAC, CoC, BIS, KC,<br>Energy Star®                                                                                                                                                                                                                                                                                                                                                                                                      |                              | FCC Class B, CE Class B, C-Tick Class B, UL, cUL,<br>TUV/safety, CCC, EAC, CoC, BIS, KC,<br>Energy Star®                                                                                                    |                                |
| Environmental concern        | Comply with RoHS, REACH, WEEE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |                                                                                                                                                                                                             |                                |
| Accessories                  | • Quick start guide<br>• USB cable<br>• Power cord<br>• External universal switching power supply                                                                                                                                                                                                                                                                                                                                                                                                             |                              | • 1" label spindle, fixing tab x 2, 1.5" adapter x 2<br>• 1" ribbon spindle x 2 for 300M ribbon<br>• 1" ribbon paper core                                                                                   |                                |
| Limited warranty             | • Printer: 2 years<br>• Print head: 25 km (1 million inches) or 12 months which comes first<br>• Platen: 50 km (2 million inches) or 12 months which comes first                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                                                                                                                                             |                                |
| Factory options              | • Internal Bluetooth 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |                                                                                                                                                                                                             |                                |
| Dealer options               | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              | • Peeler<br>• Guillotine cutter (full cut and partial cut)                                                                                                                                                  |                                |
| User options                 | • External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              | • External roll mount, media OD. 214 mm (8.4") with 76.2 mm (3") core<br>• External Bluetooth module (serial interface)<br>• KP-200 Plus keyboard display unit<br>• KU-007 Plus programmable smart keyboard |                                |



**BarTender.**  
BY SEAGULL SCIENTIFIC  
Create and automate labels, barcodes and more



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