

# T-4000 SERIES LABEL PRINTERS



**T-4210 (203 DPI—254mm/s)**

**T-4307 (300 DPI—177mm/s)**

**T-4604 (600 DPI – 101mm/s)**



- Large color touch screen LCD
- Multiple interface ports standard including 2 **Host USB** ports
- High speed printing at up to **10 IPS (254mm/s)**!

The Tharo T-SERIES  
is an affordable high-output  
industrial barcode label printer  
from the creators of

**EASYLABEL®**

| MODEL              |  | T-4210  | T-4307                              | T-4604                             |
|--------------------|--|---|-------------------------------------|------------------------------------|
| Print Method       |  | Thermal Transfer / Direct Thermal   |                                     |                                    |
| Resolution         |  | 203 dpi (8 dots/mm)   | 300 dpi (12 dots/mm)                | 300 dpi (24 dots/mm)               |
| Print Speed        |  | Up to 254 mm (10")/sec  | Up to 177mm (7")/sec                | Up to 102mm (4")/sec               |
| Print Width        |  | 108mm (4,25")   | 105,7 mm (4,16")                    | 105,7 mm (4,16")                   |
| Print Length       |  | Min. 0.16"(4mm)**-Max. 180"(4572mm)   | Min. 0.16"(4mm)**-Max. 80" (2159mm) | Min. 0.16"(4mm)**-Max. 26" (660mm) |
| Processor          |  | RISC CPU 32 bits  |                                     |                                    |
| Memory             | Flash                                  | 128 MB Flash (60 MB for user storage)   |                                     |                                    |
|                    | SDRAM                                  | 32 MB   |                                     |                                    |
| Sensor Type        |  | Adjustable reflective sensor and transmissive sensor, left aligned  |                                     |                                    |
| Media              | Type                                   | Continuous form, gap labels, black mark sensing and punched hole. Label length set by auto-sensing or programming.  |                                     |                                    |
|                    | Width                                  | Tear: Min. 1" (25.4mm) - Max. 4.64" (118mm)   |                                     |                                    |
|                    |  | Cutter: Max. 4.61"(117mm)   |                                     |                                    |
|                    | Dispenser / Rewind: Max. 4.64" (118mm) |   |                                     |                                    |
|                    | Thickness                              | Min. 0.003" (0.06mm)-Max. 0.01" (0.25mm)  |                                     |                                    |
| Label Roll         | Max. 8" (203.2mm) outer diameter       |   |                                     |                                    |
| Core               | Min. 1.5" (38.1mm) diameter            |   |                                     |                                    |
| Ribbon             | Types                                  | Wax, Wax/Resin, Resin   |                                     |                                    |
|                    | Length                                 | Max. 1476' (450m)   |                                     |                                    |
|                    | Width                                  | Min. 1.18" (30mm) - Max. 4.33" (110mm)  |                                     |                                    |
|                    | Core                                   | 1" (25.4mm) inner diameter  |                                     |                                    |
| Printer Language   |  | TPL (Tharo Programming Language)  |                                     |                                    |
| Software           | Design                                 | FREE <b>EASYLABEL® Start</b>  |                                     |                                    |
|                    | Driver                                 | Windows XP, Vista, Win7-10, Mac, Linux  |                                     |                                    |
| Resident Fonts     | Bitmap                                 | 6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B<br>Bitmap fonts and single characters 90°, 180°, 270° rotatable   |                                     |                                    |
|                    | True Type                              | CG Triumvirate™ (Bold, Italic, Underline) 0°, 90°, 180°, 270° rotatable   |                                     |                                    |
| Downloadable Fonts | Bitmap                                 | Bitmap fonts and single characters 90°, 180°, 270° rotatable  |                                     |                                    |
|                    | Asian Fonts                            | 16x16, 24x24, Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001), 90°, 180°, 270° rotatable, 8 times expandable   |                                     |                                    |
|                    | True Type                              | 90°, 180°, 270° rotatable   |                                     |                                    |
| Bar Codes          | 1-D                                    | Code 39, Code 93, EAN 8/13 (add on 2 & 5), UPC A/E (add on 2 & 5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (subset A, B, C), EAN 128, RPS 128, UCC 128, UCC/EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM, GS1 DataBar, German Post Code, Planet 11 & 13 digit, Japanese Postnet, I 2 of 5 with human readable check digit, Standard 2 of 5, Industrial 2 of 5, Logmars, Code 11, Code 49, Codablock. |                                     |                                    |
|                    | 2-D                                    | PDF417, Micro PDF417, Datamatrix, Maxicode, QR Code, Micro QR Code and Aztec code   |                                     |                                    |
| Code Pages         |  | Codepage 437, 850, 851, 852,, 855, 857, 860, 861 ,862, 863, 865, 866, 869, 737, Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257, Unicode UTF8, UTF16BE, UTF16LE  |                                     |                                    |
| Interfaces         |  | USB 2.0 (B-Type)  |                                     |                                    |
|                    |  | Serial Port RS-232 (DB-9)   |                                     |                                    |
|                    |  | IEEE 802.3 10/100 Base Tx Ethernet Port (RJ-45)   |                                     |                                    |
| Control Panel      |  | 3 USB Host (A Type) - 2 Ports at the front panel; 1 Port at rear panel  |                                     |                                    |
|                    |  | Backlight 3.2" touch screen LCD   |                                     |                                    |
|                    |  | 1 Power on/off button with green LED backlight  |                                     |                                    |
|                    |  | 1 Control key : FEED/PAUSE/CANCEL with dual color LED : READY/ERROR   |                                     |                                    |
| Real Time Clock    |  | Standard  |                                     |                                    |
| Power              |  | Auto-switching 100V-240V AC, 50Hz - 60Hz  |                                     |                                    |
| Environment        | Operating                              | 5° C to 40° C (41° F to 104° F)   |                                     |                                    |
|                    | Storage                                | -20° C to 60° C (-4° F to 140° F)   |                                     |                                    |
| Humidity           | Operating                              | 20-85% non-condensing   |                                     |                                    |
|                    | Storage                                | 10-90% non condensing   |                                     |                                    |
| Agency Approvals   |  | CE (EMC), FCC Class A, CB, UL, cUL, CCC, KC   |                                     |                                    |
| Dimensions         | Length                                 | 465mm (18.30")  |                                     |                                    |
|                    | Height                                 | 263mm (10.35")  |                                     |                                    |
|                    | Width                                  | 305mm (12")   |                                     |                                    |
| Weight             |  | 13.6 Kg (30lbs)   |                                     |                                    |
| Options            |  | Cutter  |                                     |                                    |
|                    |  | WiFi print server module (IEEE 802.11 b/g/n), Bluetooth   |                                     |                                    |
|                    |  | Parallel port adapter (Centronics female 36-pin)  |                                     |                                    |
|                    |  | Label dispenser + Internal rewinder   |                                     |                                    |
|                    |  | THARO PA2000 Label Applicator / Applicator Interface (DSUB Female 15-pin)   |                                     |                                    |

\*Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered to their respective owners.

\*\*Minimum Print Length and Maximum Print Speed may vary for non-standard media types. EASYLABEL Europa provides free testing of all media types prior to purchase

