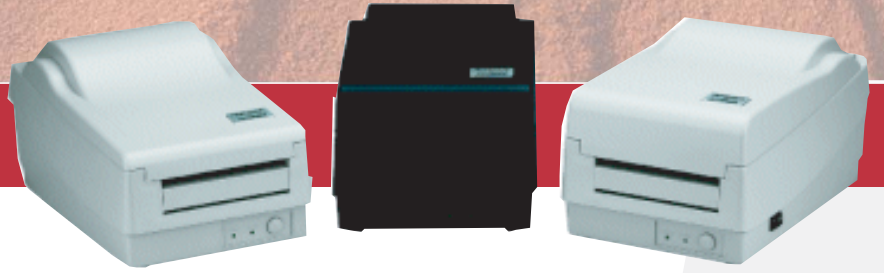


## >> Value-Priced label printers for low to moderate applications

### Thermal Printers



### Therma 400 series

The Therma 400 series offers all the advantages of large-label and tag printers at a fraction of cost. Thema 400 series printers meet the most demanding needs of busy manufacturing, warehouse and logistics operations.

#### VALUE AND QUALITY FEATURES

- Print speed up to 3 ips and label lengths up to 45 inches
- 203 - 300 dpi print resolution for superior print quality, barcodes, text and graphics
- Tough, high-impact ABS housing
- Label Design Software allows printing from PC and creating stand-alone applications (not available with PAL)
- Choice of Direct Thermal or Thermal transfer configuration
- Support rich fonts, full graphics, all popular linear and 2-D barcodes symbologies
- Clamshell design allows full accessibility for quick media change and ribbon loading
- Unique "spring loaded release" feature offers print head replacement in seconds
- Serial & parallel interfaces

#### Maximum Performance and durability

For your low and moderate business applications, the Therma 400 series thermal printers represent the ideal solution at minimum expense. These full-featured printers are constructed from tough, solid high impact ABS plastics and all metal mechanisms for maximum durability and robustness. Easy to setup, easy to use, easy to own, the Therma 400 series is a solid choice for near immediate returns on your investment

#### Flexible, Intelligent Thermal Printers

The Therma 400 series thermal printer connectivity is assured by their standard parallel and serial interfaces. It is supplied with 2Mb standard RAM memory and a 1Mb Flash memory (available in Therma 403/412) for fonts, logos and label formats. The Therma 400 series also features two popular emulations for plug 'n play compatibility. In addition, these printers use Printer Application Language (PAL) to provide all the benefits of a truly smart printer without re-programming your host system or requiring a dedicated PC.

Globalis' new leading-edge series of thermal printers is setting the highest standards for quality, compatibility and remote control networked management with assured forward technology compatibility.

## طابعات حرارية

- تعتمد تكنولوجيات الحرارة المباشرة أو الحرارة المحولة
- مخصصة لطباعة "الباركود" في بيئات العمل المختلفة: كالمصانع، المخازن والإدارات اللوجيستية
- تقدم أعلى مستويات الطباعة بدرجة وضوح تصل إلى 300 نقطة لكل بوصة (dpi)
- توفر الدقة الكاملة لطباعة بطاقات "الباركود" المخصصة للأدوية والمواد الكيميائية
- تضم مجموعة من المفاتيح التي تسهل عملية قطع وسلخ البطاقات

<b>Print technology:</b>	Therma 402DT: Direct Thermal, Therma 402DT/TT, Therma 403DT/TT, Therma 412DT/TT: Thermal Transfer & Direct Thermal
<b>Print speed:</b>	Therma 402DT: 2 ips (51 mm/s) Therma 402DT/TT: 3 ips (76 mm/s) Therma 403 DT/TT: 2 ips (51 mm/s) Therma 412 DT/TT: 3 ips (76 mm/s)
<b>Resolution:</b>	Therma 402DT/402DT/TT: 203 dpi Therma 403DT/TT: 300 dpi Therma 412DT/TT: 203 dpi
<b>Printable Width:</b>	1.0" to 4.13" (25 to 105 mm)
<b>Memory:</b>	Therma 402DT/402DT/TT: 512K standard, Therma 403DT/TT & Therma 412DT/TT: 2 MB DRAM, 1 MB Flash
<b>Media Type:</b>	Roll, die-cut, continuous, fan-fold, tags, ticket, thermal paper, plain paper, synthetics or foils.
<b>Media Compatibility:</b>	<b>Max width:</b> 4.3" (110mm), <b>Min width:</b> 1.0" (25mm) <b>Min length:</b> 0.4" (10mm) <b>Thickness:</b> .0025" ~ .01 (.0635mm ~ .245mm) <b>Max roll capacity:</b> 4.3" (109mm) O.D. <b>Core size:</b> 1.0" (25mm) I.D.
<b>Emulations:</b>	Therma 402, Therma 403 - A & B Industry Emulations Therma 412 - Z Industry Emulation Therma 403, Therma 412 - PAL Emulation
<b>Graphics Bar codes:</b>	Code 39, Extended Code 39, Code 93, Code 128 UCC, Code 128 (Subset A,B,C), Codabar, Interleave 2 of 5, EAN-8 2&5 add on, EAN-13, EAN-128, UPC, UPC-AE 2&5 add on, POSTNET, German POST, Matrix 25, Maxicode, PDF-417, PCX, BMP, GDI graphics (German POST, PCX, BMP, GDI graphics - not available with PAL)
<b>Fonts:</b>	International character sets, 5 alpha-numeric fonts from .049" - 0.23"H (1.25mm-6.0mm) (not available with PAL) All fonts expandable up to 24 x 24 (not available with PAL) 4 direction 0° - 270° rotation Downloadable soft fonts (not available with PAL) Smooth scaling with PAL
<b>Interface:</b>	RS-232 serial, Centronics parallel, USB option
<b>Network Interface:</b>	External LAN print server option
<b>Drivers:</b>	Windows® 98/2000/XP/ NT, Label creation software included (not available with PAL), PAL - FeatureMan, FlashWiz, ComLog Utilities
<b>Power Requirements:</b>	110-220 VAC (50 - 60 Hz)
<b>Dimensions and Weight:</b>	153 x 278 x 186 mm (HxDxW) - 1.9 Kg
<b>Environmental Considerations:</b>	<b>Operating Temperature:</b> 4°C to 38°C, <b>Humidity:</b> 10% to 90% non-condensing, FCC Class B emissions
<b>Consumables:</b>	Wax, Wax/Resin, Resin <b>Ribbon width - 1" - 4.3" (25mm - 109mm)</b> <b>Ribbon roll - max O.D. 1.4" (36mm)</b> <b>Core size - 0.5" core I.D. (12.5mm)</b> <b>Ribbon length - 300' (91M)</b>
<b>Options:</b>	Cutter, Peel and Present, FLASH memory card - 512K, SRAM memory card - 512K, Real time clock w/512K FLASH, Stand alone - keyboard with LCD and format storage, External 8" OD Media Supply Holder, RS-232 cable, USB



Globalis was created in 2002 from the integration of the ME and North African operations of Alis Technologies, Genicom International and Compuprint. Globalis offers the most advanced and comprehensive range of multi-technologies and multilingual printing solutions.

**For more information:**

**CANADA**  
**Head office** 100 Alexis Nihon Blvd., Suite 250, Montreal, Quebec, Canada H4M 2N7  
Tel.: (514) 855-4994 | Fax: (514) 855-0541 | [info@globalis.com](mailto:info@globalis.com)

**Regional head office** Dubai Internet City, Bldg. 1, Office 125, P.O. Box 500077, Dubai, U.A.E.  
Tel.: (971-4) 391-6399 | Fax: (971-4) 391-8507 | [info-dubai@globalis.com](mailto:info-dubai@globalis.com)

**Gulf, Near East & Iran**  
Al-Khaleej Bldg., Office 307, Zabeel Road  
P.O. Box: 52460, Dubai, U.A.E.  
Tel.: (971-4) 334-6700 | Fax: (971-4) 334-6912 | [info-dubai@globalis.com](mailto:info-dubai@globalis.com)

**Egypt**  
44 Abdel Moneim Riad Street, Office 32, Mohandseen, Giza, Egypt  
Tel.: (20-12) 780-0613/4 | Fax: (20-2) 304-6718 | [info-egypt@globalis.com](mailto:info-egypt@globalis.com)

**Saudi Arabia**  
Al-Andalus Trading Center, Unit 8, 5th Floor, Al-Olaya Main Road  
P.O. Box: 301276, Riyadh 11372, Saudi Arabia  
Tel.: (966-1) 460-2071 | Fax: (966-1) 460-2072  
[info-saudi@globalis.com](mailto:info-saudi@globalis.com)

**Maghreb countries** 100 Alexis Nihon Blvd., Suite 250, Montreal, Quebec, Canada H4M 2N7  
Tel.: (514) 855-4994 | Fax: (514) 855-0541 | [info-maghreb@globalis.com](mailto:info-maghreb@globalis.com)

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[www.globalis.com](http://www.globalis.com)