



# TSC 343

Desktop thermal transfer barcode printer



**With unrivalled features and 300dpi resolution, the TTP-343 is the ideal compact solution for high quality thermal transfer and direct thermal printing.**

## The ultimate compact barcode printing solution



Introducing the world's most versatile, high resolution desktop printer... The TTP-343's 300dpi printhead offers thermal transfer and direct thermal printing at speeds up to of 3ips, while its innovative clam-shell design makes loading these printers effortless.

The thermal transfer TTP-343 has more features than ever before seen in such a small package. The TTP-343 houses the strongest and most durable thermal transfer mechanism in the industry and twin motors for lower torque, greater durability and quiet operation.

### Features include:

- 2MB DRAM and 1MB Flash memory (upgradable to 8MB)
- Up to 77mm (3.0") per second print speed
- Ribbon capacity up to 300m (984')
- Label capacity up to 127mm outside diameter (5.0" OD) inside printer; 203mm outside diameter (8.0" OD) with optional roll holder

### Options include:

- Cutter and peeler modules
- Expandable Flash memory cartridges
- Battery pack for mobile operation
- Print dynamic variable labels from a standalone keyboard with SOLO™

See over for technical specifications



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## Standard features

Printing method	Thermal transfer and direct thermal
Resolution	300 dpi (12 dots/mm)
Print speed	Up to 77mm/sec (3.0 IPS)
Maximum print width	(6mm .25") - 108mm (4.25")
Print length	458mm (18")
Memory	2B DRAM, 1MB Flash
Sensors	Label gap, reflective (position adjustable), head open
Enclosure	Double-walled plastic
Operation Panel	LED (Power, Error, On line), Switch (Pause, Feed)
Dimensions	210mm W x 310mm D x 180mm H (8.2" W x 11.8" D x 7.1" H)
Net weight	2.8kg
Command set	TSPL2, EPL2, DPL
Other	Real-time clock (option)

## Operational characteristics

Communication interfaces	USB, RS232 and Centronics parallel ports
Operating temperature	5°C to 40°C (40°F - 104°F)
Storage temperature	-10°C to 60°C (14°F - 140°F)
Electrical	100-240V universal switching power supply (external adaptor)
Agency approval	CE, FCC Class A, UL, CUL, TUV

## Media

Media thickness	0.06mm - 0.25mm (0.002" - 0.01")
Media type	Roll and label (continuous, die-cut, fan-fold)
Media width	19mm - 118mm (0.75" - 4.4")
Media diameter (max.)	Internal roll mount: 127mm OD with 1" core (5.0" OD) External roll mount: 214mm OD with 3" core (8.2" OD)
Ribbon core diameter	25.4mm (1") CSO or CSI ribbons
Ribbon width	25.4mm - 110mm (1" - 4.33")
Maximum ribbon length	300m (984 ft.)

## Fonts, graphics & symbologies

Barcode symbologies	Code 39, Code 39C, Code 93, Code 128UCC, Code 128 subsets A.B.C., Code 11, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digital add-on, MSI, PLESSEY, POSTNET
2-D barcode symbologies	PDF-417, Maxicode, Datamatrix, MicroPDF417
Resident fonts	Five alphanumeric fonts, outline font, OCR-A, OCR-B
Font rotation	0, 90, 180, 270 degrees

## Options & accessories

Cutter	4" width rotary cutter (label thickness up to 0.2mm)
International fonts	Chinese, Japanese Kanji and Korean font cards
Memory expansion	Flash memory expansion module up to 8MB
Battery pack	Providing 8 hours standby printing (2000 inches)
Standalone printing	SOLO standalone label system

Specifications subject to change without notice.  
Contact Image Computer Systems for specific information.



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