

M42 / M43 Multifunction Desktop Thermal Transfer Printer

High-speed printing up to 200 mm/s

Heterogeneous multi-core processor
Engineered for precise, high-speed label printing



Labels as short as 5 mm

Handles small labels with ease



Multi-core processor

Efficient processing of complex
print jobs



Up to 200 mm/s

Built for high-volume, continuous
printing



Flexible configuration

Optional real-time clock (RTC)
module

Versatile connectivity for manufacturing, healthcare, retail,
government and enterprise, and postal and parcel applications



Recommended Applications

Manufacturing & Warehousing

- Product labels
- Carton labels
- Instruction labels
- Tracking labels

Healthcare

- Patient identification
- Hospital wristbands
- Specimen identification

Postal & Parcel

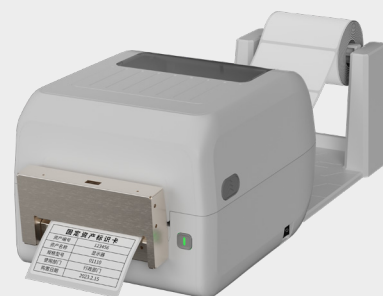
- Mailing labels
- Logistics labels

Small Businesses

- Classification labels
- File labels
- Product identification

Retail

- Price labels
- Shelf labels
- Jewelry labels



Version with cutter and roll holder

PRODUCT VIEWS



TECHNICAL SPECIFICATIONS

Model	M42	M43
Print resolution	203 dpi	300 dpi
Print speed	200 mm/s	150 mm/s
Max. print width	108 mm	
Max. print length	3,048 mm	
Min. label length	5 mm	
Memory	Flash: 16 MB; RAM: 128 MB	
Media types	Continuous / gap media (thermal paper, coated paper, matte silver); black-mark, fanfold and perforated media	
Media thickness	0.08-0.35 mm	
Media width	25-115 mm	
Ribbon types	Wax, enhanced wax, resin, wax/resin	
Ribbon width	30-110 mm	
Ribbon length	Up to 300 m; also supports 90-110 m ribbons on small cores	
Sensors	Media-out, transmissive gap, black mark, printhead temperature and cover-open	
Power adapter input	100-240 V AC, 50-60 Hz, 1.5 A	
Power adapter output	24 V DC, 2.5 A, 60 W	
Interfaces	USB, serial, Ethernet; optional Bluetooth, Wi-Fi and USB host	
Certifications	CCC, RoHS, SRRC (for optional Bluetooth), ENERGY STAR	
Options	Cutter / peeler	
Included accessories	Power adapter, USB cable, manual, alcohol wipe, media roll holder, media spindle, 2 media guides, 2 ribbon spindles (1-inch), ribbon, ribbon core; 2 ribbon spindles (0.5-inch, optional)	
Printer dimensions	215 × 280 × 177 mm	
Package dimensions	430 × 260 × 235 mm	
Net weight	2.1 kg	
Gross weight	3.5 kg	
Bluetooth	Optional	
Wi-Fi	Optional	
Printer languages	TSPL, ZPL, EPL	
Scalable fonts	Supported	
Resident fonts	Supported	
1D barcodes	Codabar, Code 11, Code 39, Code 93, Code 128, EAN-8, EAN-13, Interleaved 2 of 5, MSI, Plessey, POSTNET, GS1 DataBar (RSS-14), UPC	
2D barcodes	PDF417, Aztec, Data Matrix, QR Code	
Supported platforms	Windows, macOS, Android, UOS, Kylin, HarmonyOS; others via custom development	
SDK support	Supported	
App support	Supported	