

Monarch® 9855® Tabletop Bar Code Printer

Product Specifications

- Tabletop Printer
- Thermal Direct or Transfer
- On-demand or Continuous
- Prints Tags or Labels
- Operates Online
- Enhanced Print Quality
- Prints Up to 12 ips
- Optional 300 dpi Printing

Standard Features

Dimensions:

Height – 12.5" (318 mm)
Width – 12.0" (305 mm)
Depth – 13.0" (330 mm)
Weight – 21 lbs. (9.5 kg)
Shipping Wt. – 25 lbs. (11.4 kg)

Metal Cover (optional):

Height - 13.0" (330 mm)
Width - 12.5" (318 mm)
Depth - 17.3" (439 mm)
Weight - 29 lbs. (13.2 kg)
Shipping Wt. - 34 lbs. (15.5 kg)

Printing Method: Thermal Direct or Thermal Transfer

Printhead:

4.0" (102 mm/812 dots)
203 dots/inch (8 dots/mm) OR
300 dots/inch (11.8 dots/mm)
Both printheads provide enhanced print quality

Processor: 32-Bit 150 MHz Processor

Memory:

4 MB Flash, 16 MB SDRAM
Optional 16 MB Flash expansion
8 MB RAM configurable using these buffers:
Transmit, Receive, Image, Format, Downloadable &
Scalable Fonts

Bar Code Types:

UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13
+2/+5, Interleaved 2 of 5, Extended Code 39,
Codabar (NW7), Code 128, Code 93, MSI, PDF417,
Postnet, MaxiCode, Data Matrix (ECC-200) Code
16K, Quick Response (QR Code), Aztec Code



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Standard Fonts:

Bitmap - Standard, Reduced, Bold, OCRA-like, CG
Triumvirate, and CG Triumvirate Bold
TrueType® - EFF Swiss Bold
Supports downloaded double-byte (TrueType and
bitmap) fonts, allowing for Chinese, Japanese, and
Korean character sets.

Font Magnification:

1x to 7x
4 to 250 pt. for scalable/TrueType fonts

Standard PC/Host Interface:

IEEE-1284 Parallel or Centronics Mode
USB (Universal Serial Bus)
RS 232 Serial at 2,400 BPS to 115,200 BPS
Optional Ethernet 802.11b/g wireless card.

Printer Warranty: One (1) year parts and labor.
Full written warranty statement available on request.

Printhead Warranty: One (1) million inches or six (6)
months, whichever occurs first.

Supplies

Only Monarch-brand® supplies are recommended.
Use non-perfed supplies in peel mode. High energy
(TUFFMARK®) supplies are available.

Supply Types: Labels, Tags and Receipt Paper

Supply Sizes:

Width- 0.75" to 4.25" (19 mm to 102 mm)
Length- 0.32" to 17.5" (8 mm to 445 mm)
Supply Roll length is 7,874" (200 meters) - this varies
on material thickness.



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Supplies (cont.)

Supply Thickness:

Labels – 5.5 to 10 mils
Tags – 5.5 to 10 mils
Receipt Paper – 2.4 mils

Maximum Print Area:

4.0" x 16.0" (102 mm x 406 mm) with the 203 dpi print-head
4.0" x 13.0" (102 mm x 330 mm) with the 300 dpi print-head
Larger images (up to 16 feet) can be printed using continuous supply and reallocating memory.

Ribbon Sizes:

Ribbon Widths Use with max. supply width

1.5" (38 mm)	1.2" (33 mm)
1.8" (46 mm)	1.5" (38 mm)
2.3" (58 mm)	2.0" (51 mm)
3.3" (84 mm)	3.0" (76 mm)
4.3" (110 mm)	4.0" (102 mm)

TUFFMARK® 2.3" (58 mm), 4.3" (110 mm), 2.0" (51 mm) and 4.0" (102 mm)

Ribbon Length:

23,616" (600 meters)

About Ribbons:

The width of the ribbon must be at least 0.3" (8 mm) greater than the supply width. Using a ribbon wider than your supply helps protect the printhead.

Environmental Ranges

Operating Temperature:

Thermal Transfer - 40° to 95° F (4° to 35° C)
Thermal Direct - 40° to 104° F (4° to 40° C)

Storage: 15° to 120° F (-10° to 49° C)

Humidity/Operating and Storage:

5% to 90% non-condensing

Electrostatic Discharge and Air Quality:

Some problems with electronic equipment may occur in environments prone to static discharge or extreme dust conditions. Avery Dennison suggests that you take precautions to minimize these problems.

Performance

Power Source:

90-264 VAC with autoselect 50/60 Hz
Optional 24 VDC regulator

Print Speed:

2.5 ips (64 mm) - default for serial bar codes
4 ips (102 mm) - 203 dpi serial bar codes with narrow elements of 3 dots (or greater)
6.0 ips (152 mm) - default for parallel bar codes
8.0 ips (203 mm)
10.0 ips (254 mm)
12.0 ips (305 mm) only with 203 dpi printhead.

Options

- 300 dpi printhead
- 12 ips print speed
- Metal Cover
- Peel Mode with On-Demand Sensor
- Tear Bar with Peel Mode
- Linerless
- Ethernet Print Server (supports Ethernet and TCP/IP)
- ADK Script Programming for special applications
- 16 MB Flash Memory expansion
- Cart Ready

Accessories

- 926™ Knife
- 928™ Stacker
- 935™ Rewind
- 938™ Verifier (order printer with "Verifier Cover Option")
- 939™ Keyboard
- 939IT™ Intelligent Keyboard

Avery Dennison Retail Branding and Information Solutions

170 Monarch Lane Miamisburg, OH 45342
1.800.543.6650 Monday-Friday, 8 AM–6:30 PM ET
www.monarch.averydennison.com



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In our ongoing effort to deliver the best technology, specifications are subject to change without notice.