

# Avery Dennison® Monarch® Tabletop Printer 1

The Avery Dennison® Tabletop Printer 1 (ADTP1™) is built to accelerate your barcode and RFID label and tag printing. Quickly and accurately identify items and cartons and move merchandise throughout your supply chain.

Perfect for creating:

- Carton/pallet labels
- Retail compliance labels
- Item-level labels
- Work in-process labels
- Hang tags
- Asset tracking labels

## NON-STOP RFID PRINT/ENCODE

The ADTP1 features patented non-stop print/encode technology that's up to three times faster than traditional stop-to-encode printers.

Additionally, its exclusive integrated RFID EPC verifier helps ensure defective tags are eliminated.

## REDUCE VENDOR CHARGEBACKS

Optional barcode verifier overstrikes “bad labels and tags” for virtually 100% scanability, leading to fewer chargebacks due to bad bar codes. Barcode Assured™, our proprietary fail-safe dot shifting autocorrect feature, also helps reduce the incidence of unscannable barcodes.\*

## PRODUCTIVE PROCESSING

ADTP1 has the largest internal supply capacity available in its class, which cuts roll change needs by as much as 50%.\*\*

The three-color backlit display provides instant visual identification of printer status. Internal liner take-up eliminates waste accumulating on floors for faster and easier liner disposal.

## SUSTAINABLE LABELING

You can decrease your environmental footprint with our EcoCapacity+™ thin liner labels. Switching to EcoCapacity+™ significantly reduces water and energy use, solid waste production and CO2 emissions.\*\*

ENERGY STAR® certified



## ELEVATING BRANDS. ACCELERATING PERFORMANCE.

For more information call: 800.543.6650, prompt 5  
or email: [printersolutions@averydennison.com](mailto:printersolutions@averydennison.com)



Three-color backlit display provides instant visual identification of printer status.

Innovative, intelligent and sustainable labeling and printing solutions that accelerate supply chain performance, increase productivity and elevate the consumer experience.

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## SPECIFICATIONS

### DIMENSIONS

Height: 13.8" (351mm)  
Width: 11.5" (292mm)  
Depth: 21.5" (546mm)

### WEIGHT

36 lbs (16.4kg)

### SHIPPING WEIGHT

43 lbs (19.5kg)

### PRINTING METHOD

Thermal Direct or Thermal Transfer

### BAR CODES

**One-dimensional**—UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN128 Interleaved 2 of 5, Extended Code 39, Codabar (NW7), Code 128, Code 16K, Code 93, MSI, Postnet, Intelligent Mail, GS1 Databar

**Two-dimensional**—PDF417, MaxiCode, Data Matrix (ECC-200), Quick Response (QR) Code, Aztec

### 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 international character sets

### FONT MAGNIFICATION

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

### MEDIA SENSING METHOD

Edge: Die Cut, Black Mark, Aperture, Attacher Hole  
Center: Die Cut, Black Mark, Attacher Hole

### KEYPAD/DISPLAY

Five-button keypad control LCD Graphical Dot Matrix

### PRINTER CONTROL LANGUAGES

MPCL, MLI

### 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

Avery Dennison supplies are recommended.

### SUPPLY TYPES

Tags and adhesive labels (paper or synthetic) in roll or fanfold format, perforated or continuous supply

### SUPPLY SIZES

Width: 0.75–4.25" (19.1 to 108.0 mm)  
Length: 0.32–17.5" (8mm to 445mm)  
Max Roll Diameter: 9.375" OD (238 mm) on 3" Core (76mm) or 4" Core (102mm)

### TYPICAL SUPPLY ROLL LENGTH

7,874' (200m) with standard media  
11,811' (300m) with EcoCapacity+

### SUPPLY THICKNESS

5.5–13.5 mils (0.14–0.33mm)

### PRINT HEAD WIDTH

4.09" (102mm / 812 dots)

### PRINT HEAD RESOLUTION

203dpi (8 dots/mm) or  
300dpi (12 dots/mm)

### MEMORY

SDRAM: 64MB  
Flash 64MB

### RFID

#### RFID ENCODER

Optional, EPCglobal UHF Class 1 Gen 2 / ISO 18000-63 (formerly 18000-6C). Supports worldwide UHF RFID frequency ranges.

#### RFID VERIFIER

Optional, integrated post-encode-and-print reader module. Validates actual Encoded data against requested data.

### ENVIRONMENTAL RANGES

#### OPERATING TEMPERATURE

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

#### STORAGE

15° to 120° F (-9° C to 49° C)

#### HUMIDITY/OPERATING AND STORAGE

5% to 90% non-condensing

### PERFORMANCE

#### POWER SOURCE

100–240 VAC with auto select 50/60 Hz  
Optional 24 VDC (U.S. and Canada Only)

#### PRINT SPEED

2.5 ips (64 mm/sec)  
4 ips (102 mm/sec)  
6.0 ips (152 mm/sec)  
8.0 ips (203 mm/sec)  
10.0 ips (254 mm/sec)—only with 203 dpi print head  
12.0 ips (305 mm/sec)—only with 203 dpi print head

### COMMUNICATIONS

#### STANDARD COMMUNICATION PORTS

USB 2.0 Device Port (1 port, B receptacle), USB 2.0 Host Port (2 ports, A receptacle), RS-232C Serial Port (DB-9F, DTE pin out, 115.2K baud max speed)

#### WIRED NETWORKING

802.3u Ethernet, 10/100 Mbps, RJ-45 connector

#### WIRELESS NETWORKING

Optional 802.11 a/b/g/n dual band (2.4GHz & 5 GHz), WPA2, 802.11i compliant

### OPTIONS & COMPANION PRODUCTS

#### OPTIONS

300 dpi print head  
Peel mode with on demand sensor and internal liner take-up\*\*\*  
ADK Script programming for special applications  
+24V DC-powered (Cart ready)\*\*\*

#### COMPANION PRODUCTS

- Avery Dennison® Monarch® 933™ High Speed Cutter\*\*\*
- Avery Dennison® Monarch® 928™ Stacker\*\*\*
- Avery Dennison® Monarch® 935™ Rewind
- Avery Dennison® Monarch® 938™ Barcode Verifier\*\*\*
- Avery Dennison® Monarch® 9391™ Intelligent Keyboard

## EVERY DENNISON® SERVICE AND SUPPORT

Our technical specialists and service representatives can provide installation support, training and operating recommendations. For more information call 800.543.6650, option 7.

\* Avery Dennison Barcode Assured™ helps eliminate unreadable bar codes by printing a gray box in place of an invalid bar code when dot shifting does not fix the problem.

\*\* When combined with Avery Dennison EcoCapacity™ thin liner supplies

\*\*\*Available on EF model only

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Accelerating supply chain  
performance and elevating  
the consumer experience.