

APR430 Label Printer



Easy Plug-and-Print Setup

Label printing is quick and easy with the APR430. The built in "MT Mode" is designed so METTLER TOLEDO basic indicators and scales can print standard output with added graphics. Users no longer need to waste valuable time setting the printer up. Simply plug and print!

Intuitive Label Customization

The APR430 comes with complimentary access to Label+, METTLER TOLEDO's free label creation tool. With Label+, anyone can quickly create MT Mode labels for fully customized printouts including text, graphics, and barcodes.

Application Versatility

The APR430 is a thermal transfer printer that can also be used in direct thermal mode based on your document storage and durability needs. Using labels that include barcodes will improve data traceability by applying data directly to materials, containers and pallets.

Simplified Connectivity

Communication interfaces are important to the way you conduct business. Easily integrate the APR430 using either RS232 for a wired serial connection or use the Ethernet port to connect the printer as a network printer via TCP IP.



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Complete your weighing solution with this entry-level label printer from METTLER TOLEDO. The APR430 printer connects to most METTLER TOLEDO indicators for quick and painless printing to help you to streamline hard copy documentation and efficiently read data using barcodes.

This hassle-free printer is not only easy to set up, but customization is also easy with label formats that can be completely tailored to your needs using Label+, the free label creation tool from METTLER TOLEDO. Enhance data capture and improve production capabilities by completely customizing the look and style of your printouts. Don't skip the print, and add the APR430 to your solution today!

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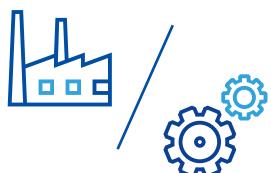
METTLER TOLEDO

APR430 Label Printers



Pharma and Biopharma

- Track data from point A to Z
- Longer lasting labels that satisfy regulations with thermal transfer
- Desktop design easily fits on most workstations



Manufacturing, Processing and Engineering

- Labels are used from receiving to shipping for easy data tracking using barcodes
- Easily add static addresses and logos to any printout
- Customize your outputs with Label+, a PC-label design software available at no cost



Food and Chemical

- Customizable labels for your one-of-a-kind operation
- Use network printing with TCP/IP in non-wet environment
- Barcodes for an error-free process from start to finish

Technical Features

Standard Features

Print method	Thermal Transfer / Direct Thermal
Resolution	203dpi
Terminal compatibility	Works with most METTLER TOLEDO Terminals
Agency approvals	CE (EMC), FCC Class A, CB, UL, cUL, CCC, UKCA

Printer Specifications

MT Mode	Ascii Character Strings				
PL Mode	EZPL, GEPL, GZPL, GDPL auto switch				
Print speed	102 mm/s (5 in/s)				
Print width	108 mm (4.25 in)				
Print length	Min. 4 mm (0.16 in)** ; Max 1727 mm (68 in)				
Memory	<table border="1"> <tr> <td>Flash</td> <td>8 MB Flash (4 MB for user Storage)</td> </tr> <tr> <td>SDRAM</td> <td>16 MB SDRAM</td> </tr> </table>	Flash	8 MB Flash (4 MB for user Storage)	SDRAM	16 MB SDRAM
Flash	8 MB Flash (4 MB for user Storage)				
SDRAM	16 MB SDRAM				
Sensor type	Adjustable reflective sensor (full range); Fixed transmissive sensor				

Physical Characteristics

Dimensions (LxWxH)	251 mm x 164 mm x 200 mm (9.88 in x 6.46 in x 7.87 in)
Weight	1.8 kg (3.96 lb), excluding consumables
Power	Auto Switching 100-240VAC, 50-60Hz input

Media Characteristics		
Paper	Types	Continuous form, gap labels, black mark sensing, and punched hole; Label length set by auto sensing or programming
	Width	Min. 25.4 mm (1 in) – Max. 118 mm (4.64 in)
	Thickness	Left Alignment Printing Mechanism - Min. 1"(25.4 mm) – Max. 4.45"(113mm)
	Label roll outside diameter	Min. 0.08 mm (0.003 in) – Max. 0.20 mm (0.008 in)
	Core diameter	Max. 127 mm (5 in)
Ribbon	Types	25.4 mm (1 in) or 38.1 mm (1.5 in)
	Length	110 m (360 ft)
	Width	Min. 30 mm (1.18 in) – Max. 110 mm (4.33 in)
	Ribbon roll diameter	40 mm (1.57 in)
	Core diameter	12.7 mm (0.5 in)

Printer Software			
Software	PC software for label design	Label+ (Create MT Mode and EZPL formats only)	
	Driver	Vista, Windows 7, Windows 8 & 8.1, Windows 10, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, MAC, Linux	
	SDK	Win CE, .NET, Windows Vista, Windows 7, Windows 8 & 8.1, Windows 10, Android, Mac, iOS	
Resident fonts	Bitmap fonts	6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A&B Bitmap fonts 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions	
	TTF fonts	TTF Fonts (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable	
Download fonts	Bitmap fonts	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable	
	Asian fonts	6x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions	
	TTF fonts	TTF Fonts (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable	
Code pages		Codepage 437, 737, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8, UTF16BE, UTF16LE	
Graphics		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software	

Communications		
Interfaces	USB 2.0 (Windows Driver Required)	Serial port: RS-232 (DB-9)4 Ethernet 10/100 Mbps
Control panel	One Tri-color LED: Power (Green, Orange and Red) Function Key: PL Mode = FEED; MT Mode = Field Feed Calibration Button (Hold to calibrate label size)	

Printer Barcode Types		
Barcodes	1-D barcodes	China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (1 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart and Random Weight
	2-D barcodes	Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR code, TLC 39, GS1 Composite

Environmental Specifications		
Operating temperature	5°C to 40°C (41°F to 104°F)	
Storage temperature	-20°C to 50°C (-4°F to 122°F)	
Operating humidity	30-85%, non-condensing	
Storage humidity	10-90%, non-condensing	

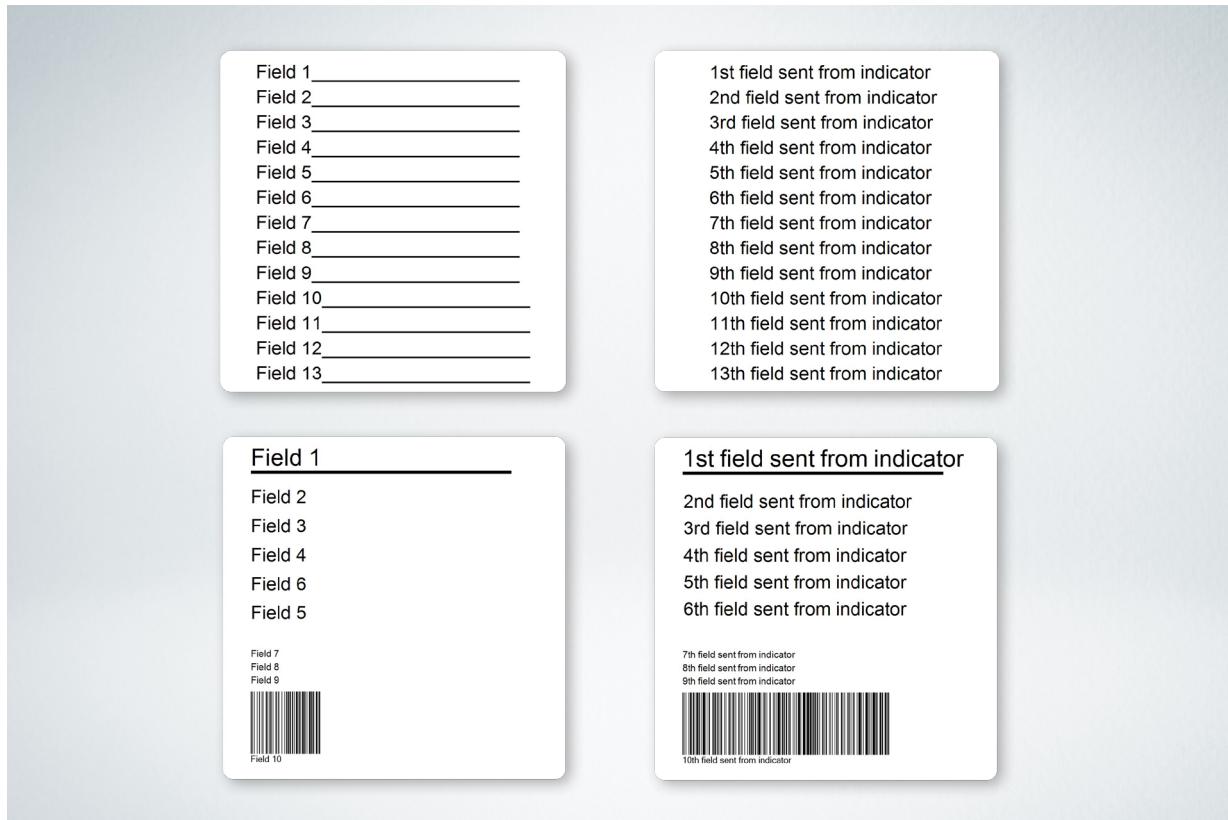
Other		
Accessories	Cutter (Dealer Install), External label unwind Stand, Wifi (Dealer Install)	

- * Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.
- ** Minimum print height and maximum print speed specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, and liner construction.

Label formatting with MT Mode

The APR430 comes with the default MT Mode label format (shown below) saved to the printer. Indicators send data to the MT Mode format to fill the fields in numeric order. This allows even basic METTLER TOLEDO indicators to work with this printer, regardless of the output customization capabilities.

New MT Mode label formats can be designed and loaded to the printer using Label+, the intuitive METTLER TOLEDO label creation tool. A user can create custom label formats that position and size the output data in unique layouts, add static text or graphics to include on every printout or even make specific fields for a large variety of 1D and 2D barcodes.



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Industrial Division

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Subject to technical changes

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