Enhanced Label Printing
Complete Your Weighing Solution

Easy Plug-and-Print Setup

Label printing is quick and easy with the APR530. 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

Quickly switch between the 15 resident APR530 MT Mode formats using the 3.2-inch touchscreen to customize your labels right at the printer. With complimentary access to Label+, you can also create new formats for fully customized printouts including text, graphics, and barcodes.

Application Versatility

The APR530 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.

Remote Print Capability

The APR530 is designed with a remote print soft key on the touchscreen. You can use this button in a safe room or operator's booth away from the indicator to request a print of the current weighing data over RS232 connection.

APR530 Label Printer

Complete your weighing solution with this premium label printer. This printer will connect to any METTLER TOLEDO indicator for quick and painless printing to complete your weighing solution by helping to manage hard copy documentation and efficiently encode data using barcodes.

The APR530 is a hassle-free printer that is easy to set up and simplifies label customization. Completely tailor formats to your needs using Label+, the free label creation tool from METTLER TOLEDO. Enhance data capture and improve your production capabilities by completely customizing the way your printouts look. Don't skip the print, and add the APR530 to your solution today!
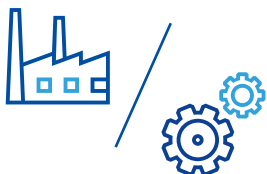
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METTLER TOLEDO

APR530 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	300dpi
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	127 mm/s (5 in/s)	
Print width	105.7 mm (4.16 in)	
Print length	Min. 4 mm (0.16 in)** ; Max 762 mm (30 in)	
Print length	32 Bit RISC CPU	
Memory	Flash	128 MB Flash (60 MB for user Storage)
	SDRAM	32 MB SDRAM
Sensor type	Adjustable reflective sensor (full range); fixed transmissive sensor, central aligned	

Physical Characteristics	
Dimensions (LxWxH)	280 mm × 210 mm × 195 mm (11.0 in × 8.3 in × 7.7 in)
Weight	2.7 kg (5.9 lbs), excluding consumables
Power	Switching power 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. 20.0 mm (0.79 in) – Max. 118 mm (4.64 in)
	Thickness	Min. 0.076 mm (0.003 in) – Max. 0.20 mm (0.008 in)
	Label roll out-side diameter	Max. 127 mm (5 in)
	Core diameter	25.4 mm (1 in) or 38.1 mm (1.5 in)
Ribbon	Types	Wax, Wax/Resin, Resin
	Length	300 m (984.25 ft)
	Width	Min. 30 mm (1.18 in) – Max. 110 mm (4.33 in)
	Ribbon roll diameter	68 mm (2.67 in)
	Core diameter	25.4 mm (1 in)

Printer Software

Software	PC software for label design	Label+ (Create MT Mode and EZPL formats only)
	Driver	Windows 2000, XP, Vista, Windows 7, 8.1 and 10 , Windows Server 2003 & 2008, MAC, Linux
	DLL	Win CE, .NET, Andriod, Windows Mobile, Windows 2000 / XP / VISTA / Windows 7 / Windows 8.1 / Windows
Resident fonts	Bitmap fonts	6, 8, 10, 12, 14, 18, 24, 30, 16×26 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	6×16, 24×24. 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	Serial port: RS-232 (DB-9) USB Device port (B-Type, Windows Driver Required) IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45) USB Host (A-Type) Parallel Port (Mini-Centronics)
Control panel	Backlight 3.2" Touch Screen LCD Control Key: PL Mode = FEED; MT Mode = Field Feed Calibration Button (Hold to calibrate label size) Power on/standby button

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, EAN 8/13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (I 2 of 5), Interleaved 2- o-f 5 with Shipping Bearer Bars, ISBT – 128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Random Weight, Standard 2 of 5, Telepen, UPC-A, UPC-E, UPC-A and UPC-E with EAN 2 or 5 digit extension, UCC 128, UCC/EAN-128 K-Mart
	2-D barcodes	Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39

Environmental Specifications

Operating temperature	5°C to 40°C (41°F to 104°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Operating humidity	25-85%, non-condensing
Storage humidity	10-90%, non-condensing

Other

Accessories	Cutter (Dealer Install)***, External label dispenser, Wireless LAN (IEEE 802.11 b/g/n, 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.
*** The cutter is an optional accessory. If the cutter is installed,it is not suitable for children to approach.

Label formatting with MT Mode

The APR530 comes with the default MT Mode label format loaded and 14 other selectable formats, like the formats 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.

www.mt.com/APR530