

# P21

## Thermal Receipt Printer

### Features

- Cost-effective, Energy-efficient Thermal Printer
- Multiple Easy To Use Features
- Prints Crisp, Clear Characters
- Low Power Consumption
- Paper Savings Option
- Compatible with KEP Instruments with RS-232 in Basic Text Mode

### Description:

KEP's cost effective, energy-efficient P21 thermal printer is ideal for use with KEP products that support RS-232. It combines basic printing functionality with high reliability and ease-of-use features. The P21 supports printing of both text and graphics on receipts at speeds up to 250mm second. It also features crisp, clear printing of logos and barcodes. In addition, the P21 offers paper saving options that can reduce paper usage by up to 30 percent. The P21 comes with everything you need in one box for quick setup and installation. The box includes manuals, drivers, utilities, cables, external power supply and easy to use software tools to speed set-up and installation. RS-232 cables are purchased separately for connecting to KEP instruments.

### Specifications

Print method	Thermal line printing
Print speed	Max. 250mm/sec (5.91 in/sec)
Print font	
Font	9 x 17 and 12 x 24 dots/character (W x H)
Column capacity	Standard: Paper width 80mm: 48/64; Paper width 58mm: 35/46 42 Column Mode: Paper width 80mm: 42/60; Paper width 58mm: 42/31
Character size	0.88 x 2.13 and 1.25 x 3 mm (W x H)
Character set	95 Alphanumeric, 18 set International, 128 x 43 Graphic. Barcode: UPC-A, UPC-E, JAN13 (EAN13), JAN8 (EAN), CODE39, ITF, CODABAR (NW-7), CODE93, CODE128, GS1-128, GS1 DataBar. Two-dimensional code: PDF417, QRCode, MaxiCode, 2D GS1 DataBar, Composite Symbology
Characters per inch	22.6 and 16.9 cpi
Paper dimensions	80mm: 3.13" ± 0.02" x 3.27" diameter (79.5 ± 0.5(W) x 83mm) 58mm: 2.26" ± 0.02" x 3.27" diameter (57.5 ± 0.5(W) x 83mm)

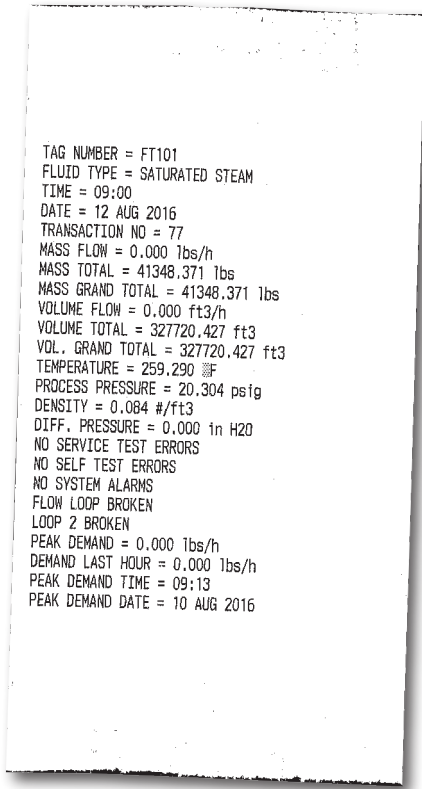


Reliability	
MTBF	360,000 hours
MCBF	60,000,000 lines
Autocutter	1.5 million cuts
Interface	Serial, RS-232, DB25F
Serial Interface Settings	
Baud Rate	2400bps, 4800bps, 9600bps, 19200bps, 38400bps, 57600bps, 115200bps
Parity	None, Odd, Even
Handshaking	DTR/DSR, XON/XOFF
Data Bits	7 bits, 8 bits
Data Receive Error	Print "?", Ignored
Power	100 – 240V AC, 50/60 Hz
Power consumption	Approx. 1.8A
Power supply	External (AC cable included)
D.K.D. function	2 drivers
Overall dimensions	5.51" x 7.83" x 5.75" (140 x 199 x 146 mm) (W x D x H)
Mass	3.75lb (1.7 kg)
Color	Dark Gray
Safety standards	UL/CSA/EN/TUV/GOST-R
Installation	Horizontal/vertical on counter/vertical on wall with wall hanging bracket
Temperature/Humidity	
Operating	5 to 45°C {41 to 113°F}, 10 to 90% RH
Storage	-10 to 50°C {14 to 122°F}, 10 to 90% RH (except for paper)
Installation	For indoor use only

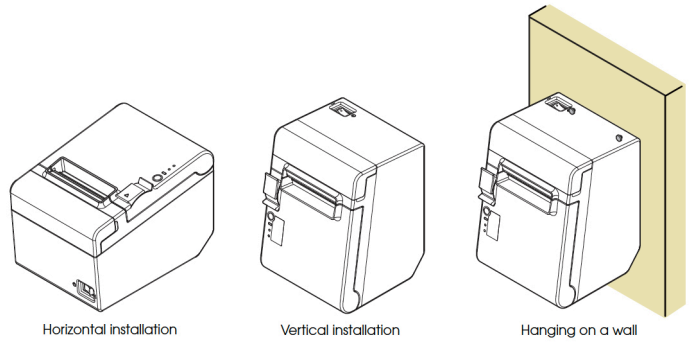


10 Industrial Way East, Eatontown NJ 07724 • 800-631-2165 or 732-649-7100 • www.kep.com

**Sample Ticket:**



**Installation Options:**



10 Industrial Way East  
 Eatontown NJ 07724  
 800-631-2165 or 732-649-7100

[www.kep.com](http://www.kep.com)

**How To Order:**

<b>EXAMPLE</b>	<b>P21</b>	<b>N</b>
<b>Series</b>	P21 Thermal Receipt Printer	
<b>Options</b>	N = NEMA 4X Wall Mount Enclosure with sub-panel & duplex outlet	

**Accessories**

- P2CA25M9ML6 = 6' Serial Cable for SUPERtrol I, SUPERtrol ILE, LEVELtrol II, SUPERtrol II
- P2CA25MFLL6 = 6' Serial Cable for MS716 or any Flow Computer with RS232 terminal block
- P21TPR = Thermal Paper Roll for P21 Printer