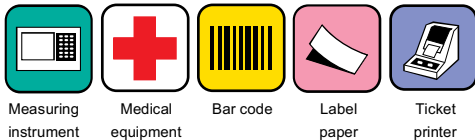# LTP2000 Series Printers

The LTP2000 is a series of high-performance thermal line printers boasting high-speed print of a maximum of 90mm/sec (LTP2242) and 75mm/sec (LTP2342, 2442) and durability of the head life of one hundred million pulses or 50km. It meets three types of paper width together with a full line of options including a drive CPU, interface board and auto cutter to meet various needs.
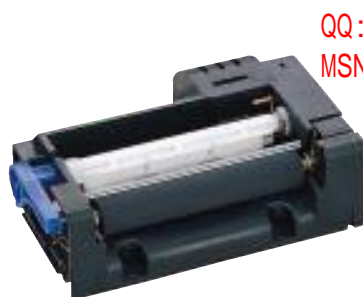
FEATURES

- High speed print of 90mm/sec max. (LTP2242) and 75mm/sec max. (LTP2342, 2442).
- Superbly durable head life of 100 million pulses or 50km.
- Two ways to insert the paper, straight and curl (also prints on thick paper).
- Also prints on two-ply thermal and label paper.
- Automatically loads paper via the paper sensor.
- The measure to counter static electricity minimizes the secondary discharge.
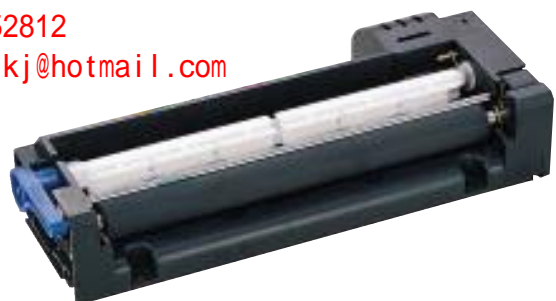- The head open mechanism allows for easy maintenance.

APPLICATIONS

Measuring instrument | Medical equipment | Bar code | Label paper | Ticket printer

For more detailed information, please contact us or send an email request.

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LTP2242

LTP2442

LTP2342

External appearance

Model		LTP2242	LTP2342	LTP2442
Print system		Thermal line dot system		
Head up/down detection		Detection by mechanical switch		
Paper detection		Detection by photo interrupter		
Dot resolution (dots/mm)		8		
Dot configuration (dots/line)		432	576	832
Printing speed (mm/sec.) (max.)		90	75	75
Printing width/Paper width (mm)		54 / 60	72 / 80	104 / 112
Thermal head service life	Anti-pulse characteristic	10^8 pulses		
	Abrasive resistance	50 km		
Operating voltage range(V)	Logic	5 ± 0.25		
	Head	24 ± 2.4		
Dimensions (W x D x H)(mm)		85.2 x 61.4 x 27	106.4 x 61.4 x 27	138.2 x 61.4 x 27
Weight (g)		Approx. 115	Approx. 135	Approx. 160

ACU2000 Series Auto Cutters

The ACU2000 Series Auto Cutter is a cutter developed for the LTP2000 Series thermal line printer mechanism. Full or partial paper cut is available by command input. It can cut thick paper with a thickness of up to 125μm. Designed to be slim (16.5 to 17.5mm high), this cutter can be easily mounted on the LTP2000 Series using a specified attachment, allowing for easy maintenance.

FEATURES

- Full or partial paper cut is available by command input.
- Can cut up to 125μm thick paper.
- Designed to be as slim as 16.5 to 17.5mm high.
- Can be easily mounted using a specified attachment.
- After having been mounted, the cutter can be easily opened, allowing for easy maintenance.
- A wide variety of models in response to each and every mechanism of the LTP2000 Series.

External appearance

ACU2224A

ACU2424A

ACU2324A

Model	ACU2224A	ACU2324A	ACU2424A
Cut method	Guillotine type		
Cut width (mm)	63	85	116
Paper thickness (μm)	65 to 125		
Cut condition	Full or partial cut (leaving one-point, 2mm wide)		
Drive Voltage (V) — Motor	24 ± 2.4		
Drive Voltage (V) — Detector(Control switch)	5 ± 0.25		
Starting current (A)	1.2 max.		
Operation time (msec. / cycle) (max.)	500		
Cut frequency (cuts / minute) (max.)	30		
Life (cuts)	300,000		
Dimentions (W x D x H) (mm)	79 x 66.5 x 16.5	100 x 66.5 x 17	126 x 69.3 x 17.5
Weight (g)	Approx. 120	Approx. 200	Approx. 260