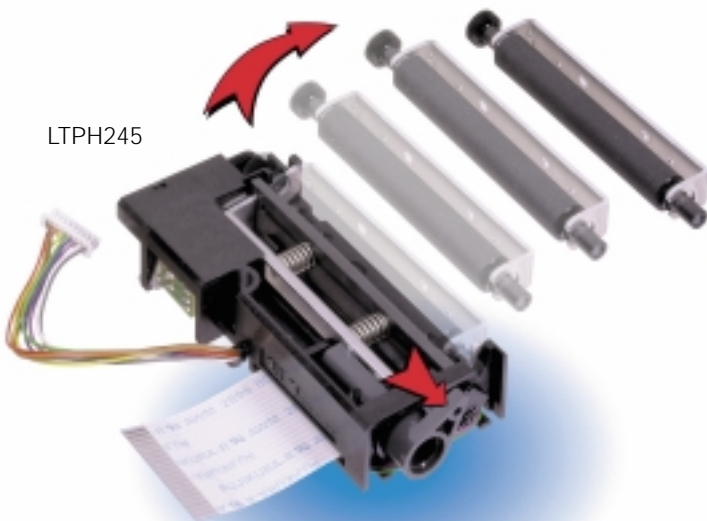


# LTP Series

LTPH245 PRINTER

The LTPH245 presents the first of a new generation of thermal line dot printers. It combines compact design, high-speed and high resolution thermal line dot printing with paper installation easier than ever before due to its mobile platen roller. By only pushing the release lever, the platen can be completely released and then firmly re-adjusted to evenly press the paper to the thermal head. The LTPH245 can be used with measuring instruments and analysers, various POS applications as well as communication and data terminal devices. Furthermore, it is a maintenance-free mechanism which also features low-current consumption to support portable devices such as hand-held terminals.

- High resolution printing (8 dots/mm)
- High speed, low voltage printing (25 mm/s @ 5V, 56,25mm/s @ 7.2V, 62.5 mm/s @ 8.0V)
- Battery operation of 4 to 6 cells Ni-MH / Ni-Cd batteries or 2 cells of lithium-ion batteries for hand-held applications
- Low 4.2V to 8.5V power supply operation
- Improved operability of paper installation and head cleaning by release lever operation
- Compact and lightweight (approx. 46g)
- Low noise thermal line dot printing
- Design to fit easily into the outer case (reduced number of outer case parts)



Model		LTPH245
Printing	Method	Thermal line dot system
	No. of dots/line	384
	Resolution	8 dots/mm
	Width (mm)	48
	Paper feed pitch (mm)	0.125
Speed (mm/s)		25.0 @ 5.0V, 56.25 @ 7.2V, 62.5 @ 8.0V
	Head temperature	By thermistor
	Platen position detection	By mechanical switch
Detection	Out-of-paper detection	By photo interrupter
	Dimensions (WxDxH) mm <sup>1</sup>	76.8x38.0x16.0
Weight (g) <sup>2</sup>		46
Power Supply	Operating voltage <sup>3</sup>	Vdd line: 4.5V to 5.5V; Vp line: 4.2V to 8.5V
	Current consumption (average) <sup>4</sup>	2.1 Max.@5V, 3.0 Max.@7.2V, 3.3 Max.@8.0V
Service life	Pulse activation	min. 100 million pulses (12.5% print ratio)
	Abrasion resistance	50 km or more
Operating temperature (°C)		-5 to 50
Storage temperature (°C)		-25 to 60
Paper	Width (mm)	58 +0/-1
	Path	Curve
	Paper feed force	0.49N (50gf) or more
	Paper hold force	0.78N (80gf) or more

<sup>1</sup> Dimensions exclude those of the lever and platen frame

<sup>2</sup> Weight includes all parts

<sup>3</sup> Equivalent to four through six Ni-Cd or Ni-MH batteries, or two Lithium-ion batteries

<sup>4</sup> When the number of simultaneously activated dots is specified as 64