

STIMASML



General Specifications

Available Interfaces	USB (communication speed: 12 Mbit/sec), RS232 (communication speed: from 1200 to 115200 bps), ETHERNET (communication speed: 10 Mbit/sec)
Sensors	Head temperature, paper presence, mobile detectors of black mark or translucent gap/hole (setting by software), cover open, external near paper end
Emulation	ESC/POS, SVELTA, FGL
MTBF	360,000 hours
Receive Buffer	16 Kbytes
Flash Memory	1 Mbytes internal + 4 Mbytes external (of which 1Mbytes available)
RAM memory	128 Kbytes internal + 8Mbytes external
Printing driver	Windows XP, VISTA (32/64bit), Windows 7 (32/64bit), Windows 8 (32/64bit), Windows 10 (32/64bit)

Printer Specifications

Resolution	203 dpi / 300dpi
Head life	100 Km / 100M pulses
Print method	Thermal, fixed head
Printing mode	Normal, 90°, 180°, 270°
Printing format	Height/width from 1 to 8, bold, reverse, underlined, italic
Printing width	80 mm
Character fonts	ESC/POSTM emulation: 54 character code tables, 2 TrueType fonts SVELTA emulation: 20 embedded fonts, 2 TrueType fonts
Printable barcode	UPCA, UPCE, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QRCODE
Printing speed	High Speed = 200 mm/sec Normal = 150 mm/sec High Quality = 100 mm/sec

Paper Specifications

Type of paper	Thermal rolls, heat-sensitive side on outside of roll Thermal rolls, heat-sensitive side on inside of roll Thermal fanfold module with alignment notch
Recommended types of paper	KANZAN KF50 and KP460 MITSUBISHI PG5075 and TL4000
Paper width	from 20mm to 82.5mm (2mm step)
Paper weight	from 70 g/m ² to 255 g/m ²
Paper thickness	max 270 µm
External roll diameter	max. 200 mm
External roll core diameter	25 mm (+1mm)
Paper end	Not attached to roll core
Core type	Cardboard or plastic

Cutter Specifications

Paper cut	Total
Estimated life	1 000 000 cutter number

Electrical Specifications

Power supply	24 Vdc ±10%
Medium consumption	1.5 A
Standby consumption	40 mA

Power Supply Specifications

Power supply voltage	100 Vac to 240 Vac
Frequency	50 Hz to 60 Hz
Current (output)	2.5 A
Power	60 W

Environmental Specifications

Operating temperature	-10°C to 60°C
Operating humidity	10-85% Rh
Storage temperature/humidity (w/o paper)	-20 °C – 70 °C / 10% - 90% RH