

TECHNICAL SPECIFICATIONS M-312

Ink-Jet Flat-Bed Printer

PRINTER

Print Method:	Drop on Demand Inkjet
Print Head Configuration:	Thermo Electric
Ink colors:	Yellow / Magenta / Cyan / Photo Magenta / Photo Cyan / Black / Gray/ Light Gray
Nozzle Count:	6144
Print speed:	2.4 - 6 SQM per hour, depending on quality.
Print resolution:	4800 X 2400 dpi
Options:	Food printer for Direct Print on Cakes and pastries
Warranty:	Basically 1 year, extendable, see terms and condition of sales
Feeding type:	Genuine Flat-Bed printer, with stainless steel table.
Printer Certification:	CE, WCCI, FCC, TIC, C-TIC, EMC

INK AND MEDIA

Ink Certifications available:	Compliant with FDA - USA or EU. Halal, or Kosher Certified
Ink Cartridges:	8x 15 ml
Ink Consumption:	10 ml per SQM printed area, 8 x 15 ml cover 12 Square meters
Ink printing cost:	4.3 USD per SQM Printed, 10 big cakes is only 1.4 USD
Ink Delivery System:	Cartridges/ CISS Optionally
Media types:	Direct on Cakes and Pastries
Media thickness:	Maximum 120 mm
Media sensing:	Manual height Adjustment
Maximum print size:	W 300mm L 400 mm
Maximum media weight:	10 Kg (22 Pound)
Printer Consumables:	Edible ink, Ink Tanks, Print head,

PRINTER REQUIREMENTS

Printer Driver:	Windows 32/ 64 Bit, XP SP2, Windows 7, Mac OS
Interface:	USB 2.0 Hi-Speed
Bundled Software:	Sweets & Art, graphic design and template printing
Power Requirements:	110 VAC to 240 VAC (55-60Hz)
Computing power:	Pentium 4 or more processing power.
Acoustic Noise	Approx. 45dB
Power Consumption Standby	10 W
Power Consumption Printing	100 W to 300 W depending on configuration

WEIGHTS, DIMENSIONS

Steel Frame Dimensions:	W 700 mm (28"), H 600 mm (24") L 660 mm (26"), with table
Net Weight:	50 KG (110 LBS).
Volume Weight (Air Freight)	130 Kg.

ENVIRONMENTAL LIMITS

Environmental Operating Temperature:	15 °C to 35 °C (59 °F to 104 °F)
Humidity:	20 % to 80 % RH non-condensing
Storage / Transport Temperature:	-5 °C to 50 °C (59 °F to 104 °F)
Regulations:	RoHS (EU), WEEE (EU), ROHS (China)



Designed in Sweden, Manufactured by MasterPiece Systems

www.masterpiece-systems.com