



TIANRUN INTERNATIONAL (HK) LTD.



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## SPECTRA 8320LQ

Product Model		8320LQ
Printing Head	Model	Spectra SL-128 or Nova 256 on-demand piezo head
	Number of Heads	16 (SL-128) or 8 (Nova 256)
	Ink Drop Size	70 /80pico-liter
	Height	3mm – 5cm above media, adjustable
	Voltage Adjustment	Voltage adjustable for each print head
Number of Color		4-color
Print Mode	360x400	66 SM/hr
	360x600	44 SM/hr
	360x600	36 SM/hr
	360x1000	20 SM/hr
	Print Direction	Uni and Bi-direction, selectable
Media	Max Width	3400mm
	Printing Width	Maximum 3200mm,
	Type	Flex, vinyl, window film, polyester, etc.
	Width Adjustment	Manually adjustable, width test sensor
	Transmission	Roll to Roll
	Processing	Auto feeding and take-up system
	Media Drive	High-precision motor controlled by servo for high quality printing
	Media Tension	Media tension adjustable for deferent types of media
	Roller System	Rubber roller and stainless steel roller combination
	Roll Weight	100-150kg maximum

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Ink Supply	Type	Solvent-base ink, C, M, Y, K , LC, LM
	Supply Mode	300ml per minute auto ink supply by electric pump
	Volume	Main tank 4000ml per color
	Negative Pressure	Negative pressure adjustable with a large capability pump for deferent environment
	Inspection System	1.Auto/manual ink supply, low ink detector 2.Two level protection with two floaters
System Features	Control Panel	1.18 key control panel with LCD display for many hot key functions and self-diagnostic test 2.Cleaning control panel with one-key press to clean mono color print heads
	Servos	Three servos in the electric tank control: 1.Motion and location of print head 2.Feeding and location of media 3.Tension of media
	Media Heating System	Pre and bedplate heaters, 30 - 90°C adjustable
	Media Dry System	Blower/ Infrared Heating System
	Print Head Heating System	20°C – 180°C adjustable
	Print Head Cleaning System	1.Anti-clogged flashing system 2.Auto flush solution cleaning system with 3-way valve between ink and flush solution 3.Three levels for mono color cleaning optional for different situations: high, middle and low 4.Positive pressure adjustable from air pump
	Media feeding and Take-up System	1.Independent and automatic media feeding 2.Take-up system to hold heavy media rolls
	Noise Level	Printing status =70dB, Waiting status = 40dB
	System Safety	1.Safety lock inside with auto shutting down 2.Emergency Stop button
System Certification		CE Mark
Work station	System Configuration	1.15" LCD display 2.256MB DDR memory 3.80GB HDD 4.CD/DVD - ROM
	Interface	USB 2.0 high speed interface
	Operating System	Windows XP, Windows 2000
	Printing Driver	Onyx, Scanvec, Wasatch RIP supported

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Power Supply	Input Voltage	AC 380V/400V $\pm$ 10V, 50Hz/60Hz $\pm$ 1Hz
	Power Consumption	8000VA
Work Environment	Temperature /Humidity	20°C - 28°C/40% - 70%RH
Dimensions	Without Packaging	5350mm (L) x 1370mm (W) x 1750mm (H)
	Assembling Space Size	5650mm (L) x1400mm (W) x 2160mm (H)
Weight	Without Packaging	2000kg

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