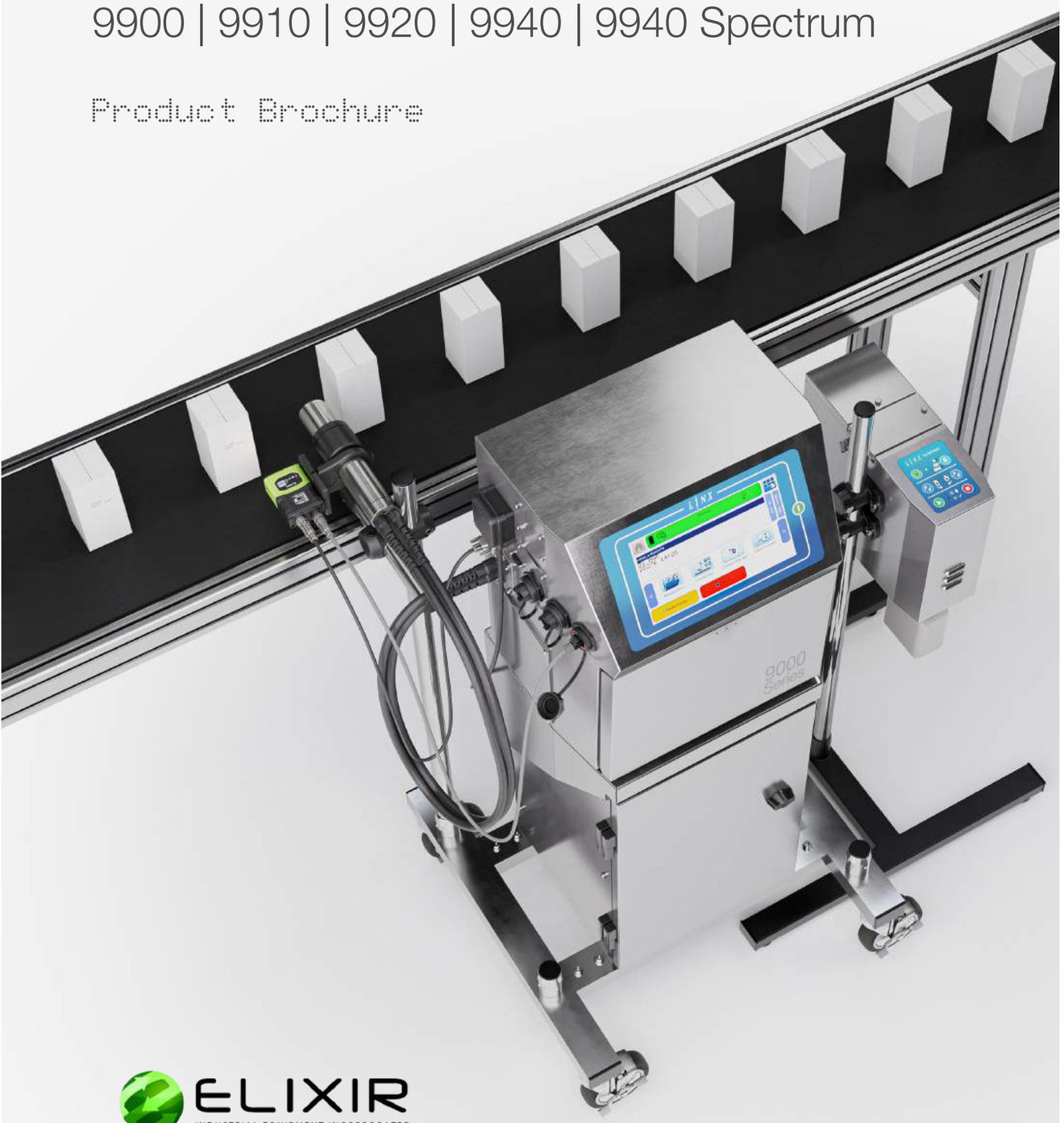
Linx **9900** Series

9900 | 9910 | 9920 | 9940 | 9940 Spectrum

Product Brochure



ELIXIR
INDUSTRIAL EQUIPMENT INCORPORATED

Linx **9900** Series



Built-in battery power for **maximum uptime**



Linx 9900
Reliable everyday coder



Linx 9910
Flexible coder for higher throughput



Linx 9920
Increased print capability with less maintenance



Linx 9940
Fast coding in demanding applications



Linx 9940 Spectrum
High contrast coding on dark products

Making printing one less thing to worry about

For more information, please contact:

Elixir Industrial Equipment, Inc.

ELIXIR
INDUSTRIAL EQUIPMENT INCORPORATED

No. 14 Commonwealth Avenue, Brgy. Old Balara Quezon City, Philippines 1119

Sales: (02) 8441-8116 | Marketing: (02) 7719-2134

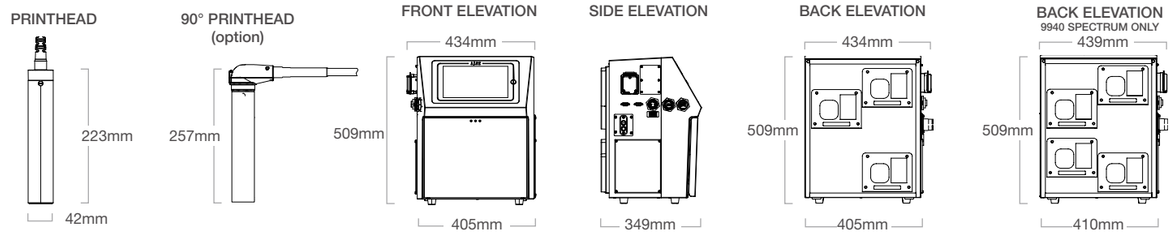
marketing@elixirphil.com

www.elixirphil.com

Linx **9900** Series

9900 | 9910 | 9920 | 9940 | 9940 Spectrum

Technical Specifications



		LINX 9900	LINX 9910	LINX 9920	LINX 9940	LINX 9940 SPECTRUM
LINES OF PRINT		Up to 3		Up to 6		
MK11 MINI PRINTHEAD (50 µm)						
CHARACTER HEIGHT RANGE			1.2mm to 9mm	1.2mm to 11.2mm	1.2mm to 11.2mm	1.2mm to 9mm
MAXIMUM SPEED	**ONE LINE PRINT (5 DOT HIGH)**		4.39 m/s (0.43mm drop pitch)	6.28 m/s (0.43mm drop pitch)	6.28 m/s (0.43mm drop pitch)	6.28 m/s (0.43mm drop pitch)
	TWO LINE PRINT (7 DOT HIGH)		1.57 m/s (0.43mm drop pitch)	2.19 m/s (0.43mm drop pitch)	2.44 m/s (0.43mm drop pitch)	2.44 m/s (0.43mm drop pitch)
RECOMMENDED DISTANCE FROM SUBSTRATE	**(STANDARD)**	4mm (8mm available up to 16 dot high printing only)				
MK11 MIDI PRINTHEAD (62 µm)						
CHARACTER HEIGHT RANGE		1.8 to 8.8mm	1.8 to 20mm			1.8 to 16mm
MAXIMUM SPEED	**ONE LINE PRINT (5 DOT HIGH)**	2.83 m/s (0.37mm drop pitch)	6.25 m/s (0.47mm drop pitch)	6.25 m/s (0.47mm drop pitch)	7.50 m/s (0.47mm drop pitch)	7.50 m/s (0.47mm drop pitch)
	TWO LINE PRINT (7 DOT HIGH)	1.41 m/s (0.37mm drop pitch)	2.09 m/s (0.37mm drop pitch)	2.46 m/s (0.43mm drop pitch)	2.65 m/s (0.43mm drop pitch)	2.65 m/s (0.43mm drop pitch)
RECOMMENDED DISTANCE FROM SUBSTRATE	**(STANDARD)**	12mm				
	(CARTON CODING MESSAGE STYLE)	35mm				
MK11 MIDI PLUS PRINTHEAD (75 µm)						
CHARACTER HEIGHT RANGE		2.1 to 10.7mm	2.1 to 20mm			2.1 to 17mm
MAXIMUM SPEED	**ONE LINE PRINT (5 DOT HIGH)**	2.83 m/s (0.44mm drop pitch)	7.28 m/s (0.57mm drop pitch)	7.28 m/s (0.57mm drop pitch)	9.10 m/s (0.57mm drop pitch)	9.10 m/s (0.57mm drop pitch)
	TWO LINE PRINT (7 DOT HIGH)	1.41 m/s (0.44mm drop pitch)	2.02 m/s (0.44mm drop pitch)	2.38 m/s (0.52mm drop pitch)	2.56 m/s (0.52mm drop pitch)	2.56 m/s (0.52mm drop pitch)
	SUPER-FAST TOWER PRINT (5 DOT HIGH)				10 m/s (0.63mm drop pitch)	10 m/s (0.63mm drop pitch)
RECOMMENDED DISTANCE FROM SUBSTRATE	**(STANDARD)**	20mm				
	(CARTON CODING MESSAGE STYLE)	45mm				
	(HIGH SPEED CABLING)					5mm
PRINTHEAD		Unique AutoFlush automatic printhead flushing and conduit clearing				
		2m conduit. 4m conduit (option), 6m conduit (option (not available on MK11 Mini printhead or 9940 Spectrum)). 60mm minimum bend radius in static applications. 180mm minimum bend radius in dynamic applications.				
		90° printhead with 270° degree adjustable positioning (option), Hydrogen Peroxide resistant conduit (option)				
		Positive air purge for dusty or humid environments (option)				
		Air dryer (provides improved reliability for certain inks at high humidity and temperature) (option)				
SERVICING OPTIONS		Self-service or engineer visit				
EASI-CHANGE® MODULE SERVICE INTERVAL	**DYE BASED**	Up to 18 months (13,000 hours)		Up to 24 months (17,400 hours)		
	SOFT PIGMENTED	Up to 12 months (6,000 hours)				
	HARD PIGMENTED					Up to 12 months (8,000 hours)
SERVICE MONITORING				On-screen system monitoring, to measure key ink system and environmental parameters, to help avoid unscheduled stoppages		
EXTENDED SHUTDOWNS WITHOUT FLUSHING OR DRAINING		Up to 3 months				Up to 28 days
LINX PRINTPROTECT® BATTERY		Contains rechargeable Lithium-ion battery as standard				
LINX IRIS® VISION SYSTEM		Compatible with all models (option), refer to Linx Iris Technical Specifications				
LINX SURECLEAN® WASH STATION		Compatible with all models (option), refer to Linx SureClean Technical Specifications				
USER INTERFACE		10-inch full colour touch screen with tough, solvent-resistant polymer cover				
PUMP		Fit-for-life ink pump with no scheduled changes required				
PRODUCTION MEASUREMENT TOOLS		Linx PrinterNet® printer health and production monitoring with remote control (VNC) (option)				
		Total print count, message count and batch count. On-screen output rate measurement and production stoppage log. Downloadable onto USB device				

	LINX 9900	LINX 9910	LINX 9920	LINX 9940	LINX 9940 SPECTRUM
USER INTERFACE FUNCTIONS	Password-protected functions, with customisable user profiles				
	Quick operator language selection from all screens, secondary keyboard for multi-language printing				
	Simple on-screen guidance wizards for multiple functions including line speed and shaft encoder setup, printhead cleaning, and fluid refill				
MESSAGE CREATION	Prompted fields for one-step message editing with customisable on-screen prompts, Automatic date forward function (Add seconds, minutes, or hours to current time, or days, weeks, or months to current date), Height, width and delay functions for easy code sizing and positioning, Shift coding (message content changes automatically at defined times)				
		‘Production Schedule’ function, to print a sequence of messages automatically, with different triggering and repeat print options			
	Message selection, creation and editing from a PC using Linx Message Studio®				
	GS1 Data Matrix code builder				
MEMORY	Up to 1000 messages can be stored using internal printer memory, more can be stored on a USB storage device				
	Up to 4 line settings can be stored, with individual line names	Up to 50 line settings can be stored, with individual line names			
	Message, line and printer settings backup, copy and restore using USB storage device				
MESSAGE SELECTION	QuickSwitch® message selection, remote field update and message select-and-populate text field, using barcode scanner				
	Message selection using product images				
PRINT CAPABILITIES	Text, Symbols, Numbers, Dates, date rounding (using the printer’s internal clock), Times, Graphics, Logos				
	Rotated character (tower) printing, Inverted printing, Bold character printing (up to 9 times)				
	Variable character spacing and inverse image printing, for improved readability and vision system recognition				
	Sequential numbering (forward and backward counting, variable intervals)				
		Sequential numbering (multiple number ranges, alphanumeric sequencing)			
	One-touch sequential number reset option from the printer screen, and reset using external trigger				
	Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, GS1 Data Matrix, QR, RM4SCC-Type C)				
	Dynamic orientation for printing on traverse applications (option)	Dynamic orientation for printing on traverse applications			
	Accurate marking at regular intervals i.e. ‘metre marking’, with rollback to detect lines running backwards and high precision calculation options				
		Sequential text fields, increment and reset sequences using external triggers, optional one-touch sequence reset from the printer screen			
INK AND SOLVENT	On-screen fluid level indicators, up to 12 hour running from fluid refill warning to printer stop				
	Mistake-proof, mess-free ink and solvent refills while printing (0.5 litre ink cartridge, 1 litre solvent cartridge)				
	Dye based black and colours. Soft pigmented colours				Hard pigmented white and colours
		Active Airflow Control for lower solvent consumption and reduced emissions (option (not available on 6m printheads))			
CONNECTIONS	Multiple protocols to connect with other equipment including REST interface, Extended QuickSwitch and RCI				
	2 x D-type connectors for Product Detector, Shaft encoder/Second product detector, Quadrature encoders for direction applications, and Vision camera				
	Alarm connector for External single stage alarm output (24v)				
	Ethernet for Linx Remote Communications Interface (RCI), Extended QuickSwitch®, REST, Linx Message Studio and Linx PrinterNet				
	USB for Graphics and logos import, Data backup, Barcode scanner and Wi-Fi Connection for Linx PrinterNet				
	RS232 (option), Parallel I/O (option), Volt-free contact alarm connection (option), Multi-stage Alarm output (24v and volt free) (option)				
BASE & ENCLOSURE	Stainless Steel				
ENVIRONMENTAL PROTECTION RATING	IP55			IP65	
OPERATING TEMPERATURE RANGE	5-45°C (0-50°C for Linx 1240, 1010, 1014 and 3240 ink types)				5-45°C
HUMIDITY RANGE (R.H., NON-CONDENSING)	90% max				
POWER SUPPLY	100-230V, 50/60Hz				
POWER CONSUMPTION	38W (typical when printing)				
POWER RATING	120W				
WEIGHT	23.2kg (including fluids and 2m printhead)				25.1kg (including fluids and 2m printhead)
REGULATORY APPROVALS	GS CE UL CAN/CSA FCC BIS				