

Linx Spectrum

High Contrast Printing

- Simplicity at every interaction
- Reliable high contrast printing with minimal maintenance
- PrinterNet ready - unlock remote diagnostics potential*



CONTINUOUS INK
JET PRINTERS



Linx 9940 Spectrum: Built for High Contrast Printing. Designed for Less Cleaning.

Easy To Use

- Large, icon-driven high-resolution touch screen, with at-a-glance production visibility.
- Customisable home screen, with onscreen message prompts for faster, accurate code setup.
- Message Studio with onboard photo capability allows operators to create and verify messages visually, directly at the printer.
- Simple, one-touch fluid cartridge refills during printing – no mess, no tools, no mistakes.
- With an on-screen setup assistant guiding operators step by step, servicing can be quick and engineer free, helping you service your machine on your schedule.

Reliable

- With an IP65-rated** stainless steel design and up to one month shutdown capability, the 9940 Spectrum is ready for immediate printing with no flushing required.
- Linx's industry-leading hermetically sealed printhead delivers reliable operation with minimal cleaning requirements.
- AutoFlush is Linx's unique printhead cleaning sequence, leaving the printhead and conduit clean and dry, ready for every startup.
- PrintProtect managed shutdown helps protect the printer during unexpected interruptions.
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- Extended module and pump life helps reduce interventions and maximise uptime.

Innovative

- Best-in-class extended service interval of up to 8,000 hours or 12 months****
- Vortex® circulation technology combined with PureFlow® multistage filtration delivers consistent, high-quality pigmented ink printing while reducing excessive cleaning requirements.
- Built on the Linx 9900 Series platform with enhanced connectivity and simplified operation for modern production environments.
- When combined with Linx PrinterNet*, unlock real-time printer visibility, remote management capability, and enhanced "On Demand" technical support.
- Linx Iris Vision System ready, enabling code inspection and verification capability to support traceability and compliance initiatives.



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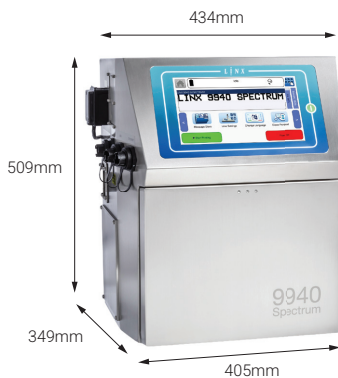

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Technical Specifications Linx 9940 Spectrum

Product Dimensions

Printer



Printhead



Right Angle Printhead



Key Performance

Printhead	2m MK11 Midi Plus
IP Rating**	IP65
Lines of Print	6
Service Interval***	8,000 hrs
	12 months
Dynamic Orientation	Standard
Dual Alarm	Standard
Maximum Speed	9.10 m/s (single print 5 dot high)
Production scheduling	Yes
Stored line settings	50
Ink Portfolio	Hard pigmented white and colours

Features

Interface	10-inch full colour touch screen with tough, solvent-resistant polymer cover On-screen help and diagnostics information including output rate measurement, estimated job completion time, on/off target indication, production stoppage logging tool, customisable stoppage event descriptions, auto detection of stoppages
Refilling	Mistake-proof, mess-free ink and solvent refilling while printing (0.5 litre ink cartridge, 1 litre solvent cartridge) On-screen fluid level indicators, 12 hours running from fluid refill warning to printer stop in most applications
Reliability	Durable ink pump with no scheduled changes required PrintProtect managed shutdown protection helps safeguard printer during unexpected interruptions
Cleaning	Unique automatic printhead flushing – typical cleaning interval 3 months (100 starts and stops)
Extended Shutdown	Up to 3 months without printer flushing or draining
Password Protection	Customisable user profiles
Communications	Simple Communications Protocol (YAML based scripts), Enhanced Quickswitch, REST API, and Linx Remote Communications Interface for connection to PCs or PLCs using Ethernet port or optional RS232 port.

Print Capability

Message Management	WYSIWYG message creation and editing with Linx Message Studio, store display and message style selection Text, symbols and numbers Up to 1000 messages storage using internal printer memory (depending on message content) Message positioning - drag and drop, height, width and delay functions for easy code sizing and positioning
Code Formats	Offset, sequential, automatic formats for printing times, date forward function Special fonts including bold, tower and shift coding
Graphics	Graphics and logo imported as Bitmap
Barcodes	Barcodes with integrated GS1 Data Matrix code builder (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, QR Code, RM4SCC-Type C)
Prompted Fields	One step message editing with customisable on-screen prompts
Languages	User-selectable with on-screen keyboard and secondary keyboard for multi-language printing

Physical characteristics

Base Enclosure	Stainless
Mounting Options	Static stand, mobile stand, bench, wall mount bracket
Printhead	Flexible dual-tube conduit for static and moving printhead applications with a 60mm minimum bend radius (static applications) or 180mm minimum bend radius (dynamic applications)
Connections/ Interfacing	Product detector, shaft encoder/second product detector, external single-stage alarm, output 24v USB, Ethernet
Operating Temperature range	5-45°C for MEK base, Mixed base, Ethanol base ink types
Humidity Range (r.h., non-condensing)	90% max
Battery	Contains rechargeable Lithium-ion battery as standard
Power Supply	100-230V, 50/60Hz
Power Consumption	3A – 1A (typical when printing)
Power Rating	120 W
Weight	25.1kg (including fluids and 2m printhead)

Options

Linx Iris Vision – optional vision inspection integration for code verification and traceability
4m printhead conduit
Printernet-ready, subscription required
Positive air purge to printhead – improved reliability in dusty or humid environment
RS232 Port

Regulatory approvals

GS, CE, EAC, NRTL, FCC

* Requires optional purchase of a PrinterNet subscription.

** IP rating is independently verified – certificates available on request.

*** When printing up to 16 hours a day, 5 days a week.

**** Service interval may be adjusted in certain environments and applications to provide reliable running between service module changes

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.



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