Linx 7900 Spectrum
Pigmented ink printer

Do you require a high-contrast pigmented ink printer to reliably code onto dark substrates?

The Linx 7900 Spectrum provides reliable printing, while delivering consistent high contrast coding with pigmented inks, onto surfaces such as plastic cabling, rubber tubing and coloured glass.

Increased production uptime

- Automatic ink mixing, without the need for operator intervention – delivers consistent code quality
- The unique FullFlush® system automatically cleans and dries the printhead and conduit at every shutdown, minimising manual cleaning
- The new SureFill® system offers fast, mistake-proof refills
- Mistake-free message editing is provided by customisable on-screen prompts, to reduce coding errors.

Lowest running costs

- No need to leave the printer switched on, and no need to drain before extended shutdowns – saves cost and time
- No ink tank changes between services
- Low solvent consumption, with no need for mechanical ink stirrers or expensive factory air.

Quick and simple code setup

- QuickSwitch® Plus software allows fast and easy code changes using a barcode scanner
- PrintSync® automatic print format selection – assigns the best message type for optimum print quality
- Linx Insight® enables remote monitoring from a smart phone, plus message download and control from a PC.

Additional standard features

- Prints up to 3 lines of text, logos, barcodes and 2D Data Matrix codes, with 5 line upgrade available
- Wide range of print speeds to maximise productivity.

QuickSwitch Plus

- Automated code set up using a barcode scanner, or data from a PC or PLC
- Automatically selects a message, edits message content and sets print parameters such as print orientation, height and width, and position on pack
- Sets date offset
- Reduce your coding errors and speed up product changeovers.

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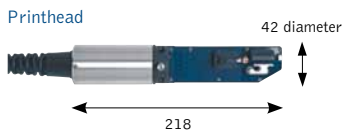
Linx 7900 Spectrum

Dimensions (mm)

Top Elevation

600

490

Front Elevation

240

490

Side Elevation

240

663
(Including clearance at back of printer)

Printhead

42 diameter

218

Print speeds and printhead options

Printhead	Ultima plus	Midi plus
Lines of print supported	1,2 or 3	1,2,3,4 or 5
Character height range	2.1 to 9.5 mm	2.1 to 13.8 mm
Maximum speed: single line print, wide pitch, High Performance print option	7.28 m/s	2.10 m/s
Maximum number of characters per second	2133	821
High Performance (HP) print option	○	

General features

- Single button startup and shutdown
- Simple menu-driven WYSIWYG message creation and editing
- SureFill mistake-proof refill system and on-screen fluid level indicators
- Integral QWERTY keyboard (full size) and ¼ VGA back-lit colour display, printer status indicators (4 LEDs)
- USB port for copy and back up of message and printer settings
- FullFlush automatic printhead and conduit flush
- Saving remote field data over a power cycle
- Linx Insight remote printer control and status view

- Auto power-off
- Automatic diagnostics
- Multiple operator languages (user selectable)
- Password-protected functions
- Dynamic message and logo storage capacity
- Prompted fields
- QuickSwitch Plus automated code setup software
- PrintSync print format selection software
- Print History log

Programming and printing facilities

- Fixed and variable text
- Upper and lower case characters
- Graphics/logo printing
- Logo creation and editing, on-screen
- QuickSwitch message selection and editing using barcode scanner
- Bar codes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128, UPC-A, GS1 128 linear bar code
- Data Matrix 2D codes
- Bold factor (up to 10 times)
- Height, width and delay functions for easy code sizing and positioning
- Standard and user-definable formats for shift coding
- Inverse Image barcodes and text e.g. white on black

- Remote communications interface
- Real-time clock functions
- Automatic date forward function
- Batch coding and counting
- Sequential numbering and messages
- Dynamic reverse and invert printing for traversing lines
- Rotated character ('tower') printing
- Message creation/editing whilst printing
- Timed-message function
- Flexible print trigger options
- ○ LogoJet PC-based message and logo creation software
- Programmable pre-set ink mix times

Printhead options

- 2m conduit
- ○ 4m conduit
- ○ 90° printhead configuration

- ○ Positive air purge to printhead
- ○ Cutaway printhead cover tube
- ○ Magnetic shielded cover tube

Ink range

Linx MEK base soft pigmented inks	●
Linx MEK base High Opacity pigmented inks	●

Connections/interfacing for

- Shaft encoder
- Primary and secondary product detectors
- External single stage alarm output
- USB
- RS232
- Ethernet

- ○ External multi-stage alarm output
- ○ Parallel I/O
- ○ Multiple printer triggering from single product detector/shaft encoder
- ○ Volt-free contact alarm connection (e.g. for use with external mains-driven alarm)

Physical characteristics

Base and enclosure	Stainless steel
IP65 environmental protection rating**	●
Mounting options	Bench or console
Operating temperature range	5 – 45°C
Humidity range (r.h., non-condensing)	90% max
Power supply	100-230V, 50/60Hz
Power rating	200W
Weight	24kg

Regulatory approvals

- GS
- CE
- GOST R

- NRTL
- FCC

Key   ● standard   ○ option   **Independently verified – certificates available on request

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