

Linx 7300 Spectrum

Pigmented ink printer



Is your high contrast printer costing you too much in lost production? Some printers that use pigmented inks require frequent maintenance to avoid unexpected stoppages, costing time and money.

The Linx 7300 Spectrum continuous ink jet printer provides reliable operation, whilst delivering consistent high contrast coding with pigmented inks. Its ink system and printhead are designed to minimise the need for maintenance, in continuous and batch production applications.

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.

Minimised production downtime

- FullFlush™ system automatically cleans and dries the printhead and conduit at every shutdown, minimising manual cleaning
- Fast, mistake-proof refills with the new SureFill™ system
- Automatic ink mixing, without the need for operator intervention – delivers consistent code quality and contrast.

Error-free coding

- QuickSwitch™ software allows fast and easy code changes using a barcode scanner
- Integral USB port enables trouble-free transfer of message content and set up data between printers
- Full colour screen with simple menu structure and large message store – provide quick and easy message set up and minimise coding errors.

Future proof features

- Data Matrix and 3-line printing provided as standard, with optional 4 or 5-line printing
- Wide range of message formats available, including logos and barcodes
- Wide range of print speeds, up to 7.2 metres/second, to maximise productivity.



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Dimensions (mm)

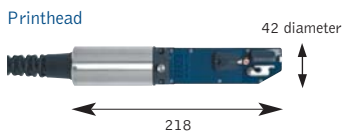
Top Elevation



Front Elevation



Side Elevation



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	o	

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
- Auto power-off
- Automatic diagnostics
- Multiple operator languages (user selectable)
- Password-protected functions
- Dynamic message and logo storage capacity

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
- Barcodes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128, UPC-A
- 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
 - o LogoJet PC-based message and logo creation software
- Programmable pre-set ink mix times

Printhead options

- 2m conduit
- o 4m conduit
- o 90° printhead configuration
- o Positive air purge to printhead
- o Cutaway printhead cover tube
- o 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
- o External multi-stage alarm output
- o Ethernet
- o Parallel I/O
- o Multiple printer triggering from single product detector/shaft encoder
- o 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 (EN 60529:1991/IEC60529:1989)	•
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

- TÜV/GS
- CE mark
- FCC

Key • standard o option

www.linxglobal.com



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