

LINX 6900 Spectrum

Pigmented ink printer



The LINX 6900 Spectrum provides simple and reliable operation, while delivering consistent high contrast coding with pigmented inks. The ink system and printhead are designed to minimize the need for maintenance, in continuous and batch production applications.

The LINX 6900 Spectrum can print up to five lines of text, barcodes and graphics with a range of colored high opacity inks.

- LINX printheads have no moving parts – no manual adjustments are needed, saving time and maintaining excellent print quality
- No factory air is required. This combined with compact design and plug-in connectors allow for easy set-up and movement between production lines
- Automatic printhead cleaning and printer shutdown – minimize the need for manual printhead cleaning
- Purpose designed ink tank has no mechanical stirrers, and does not need factory air – provides reliable performance
- Automatic ink mixing, without the need for operator intervention – delivers consistent code quality and contrast
- Full color screen with simple menu structure and large code store – provide quick and easy code set-up and minimize coding errors
- No need to leave the printer switched on, and no need to drain before extended shutdowns – saves cost and time
- Tough, wash-proof and dust-proof enclosure – designed to give reliable, clean operation in any environment
- Wide range of print speeds to match production line outputs and maximize productivity



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Dimensions (in)

Top Elevation



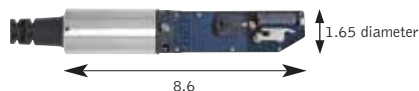
Front Elevation



Side Elevation



Printhead



Performance

	Ultima <i>plus</i>	Midi <i>plus</i>
Printhead		
Lines of print supported	1, 2 or 3	1, 2, 3, 4 or 5
Character height range	0.08 to 0.37"	0.08 to 0.54"
Maximum speed: single line print, wide pitch, High Performance print option	1433 f/m	413 f/m
Maximum number of characters per second	2133	821
Proportional and high speed fonts	•	•
Standard speed (SS) print option	•	•
High performance (HP) print option	◦	

General features

- Single button startup and shutdown
- Simple menu-driven WYSIWYG message creation and editing
- On-screen fluid level indicators
- Integral QWERTY keyboard (full size)
- 1/4 VGA back-lit color display
- Auto printhead flush
- Programmable pre-set ink mix times
- Auto power-off
- Full diagnostic package
- Multiple operator languages (user selectable)
- Printer status indicators (4 LEDs)
- Password-protected functions
- Dynamic message and logo storage capacity
- Auto ink mixing on startup

Programming and printing features

- Fixed and variable text
- Upper and lower case characters
- Graphics/logo printing
- Logo creation and editing, on-screen
- LogoJet PC-based message and logo creation software
- Bar codes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128, UPC-A
- Data Matrix 2-D 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 messages
- Sequential numbering
- Dynamic reverse and invert printing for traversing lines
- Rotated character ('tower') printing
- Message creation/editing while printing
- Timed-message function
- Flexible print trigger options

Printheads

- Ultima *plus* (optimized for 1 to 3 lines of text/graphics)
- Midi *plus* (optimized for up to 5 lines of text/graphics)
- 90° printhead configuration
- 2m (6.56 ft) conduit
- 4m (13.12 ft) conduit
- Positive air purge to printhead
- Cutaway printhead cover tube
- Magnetic shielded printhead cover

Ink range

- High opacity pigmented inks

Connections/interfacing

- Shaft encoder
- Primary and secondary product detectors
- External single stage alarm output
- RS232
- External multi-stage alarm output
- Ethernet
- Parallel I/O
- Multiple printer triggering from one master product detector and/or shaft encoder input†
- Multiple printer triggering from primary product detector, secondary product detector and shaft encoder inputs†
- Volt-free contact alarm connection (e.g. for use with external mains-driven alarm)

Physical characteristics

- Base and enclosure
- IP65 environmental protection rating (EN 60529:1991/IEC60529:1989)
- Mounting options
- Operating temperature range
- Humidity range (r.h., non-condensing)
- Power supply
- Power rating
- Weight
- Stainless steel
- Bench or console
- 41° – 113°F
- 90% max
- 100-230V, 50/60Hz
- 200W
- 52.9 lbs

Regulatory approvals

- TÜV/GS
- CE mark
- FCC

Key † requires cabling to link printers • standard ◦ option

www.diagraph.com



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