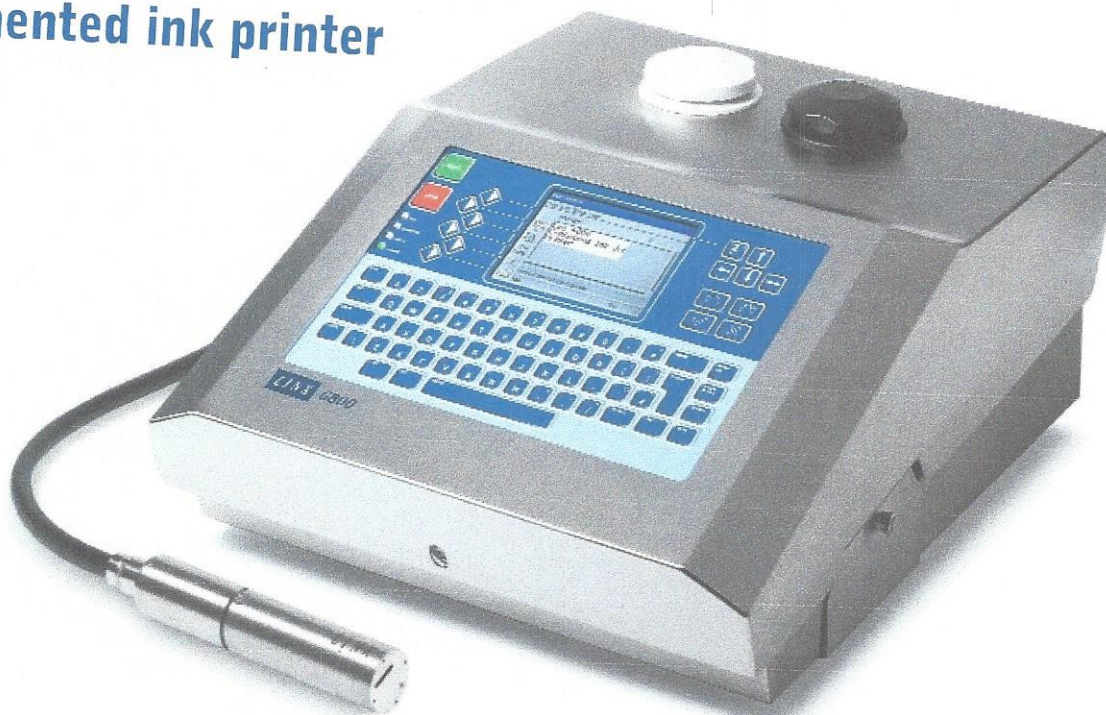


# Linx 6800 Spectrum

Pigmented ink printer



The Linx 6800 Spectrum makes a real technological step forward in high contrast printing. It offers the benefits of a highly advanced pigmented ink printing solution combined with the ease of use, high performance and robust engineering offered by the Linx 6800.

#### Key advantages of the Linx 6800 Spectrum:

- Intelligent start-up – unlike many other pigmented ink printers, the Linx 6800 Spectrum starts up after lengthy shutdowns without the need for cleaning, draining or for a service visit
- Reliability – with its innovative ink circulation system and ink tank design the Linx 6800 Spectrum offers supreme reliability and print consistency. The printer does not use mechanical stirrers or factory air, so eliminates problems associated with these
- Reduced cost of ownership – Linx has included a robust, long-life pump, which delivers consistent performance over a long period of time, reducing maintenance and downtime costs significantly

#### These benefits are in addition to the many others which come as standard on the Linx 6800:

- Ease of use – thanks to the Windows-style user interface
- Robust design – the IP65-rated stainless steel enclosure provides effective operation in virtually any production environment
- High performance – as a result of specially-designed printheads, auto power down function and automatic control of critical printer functions
- Flexible printing capability – including character rotation ("tower" printing), sequential text and numbering, barcodes and graphics

The Linx 6800 Spectrum has been designed to deliver a specially-formulated range of Linx pigmented inks, offering an advanced printer coupled with high performance, pigmented inks. The Linx 6800 Spectrum is capable of printing barcodes, logos and symbols, and up to four lines of text, as well as providing coding and printing functions to meet marking requirements across a whole range of applications.



**LINX**

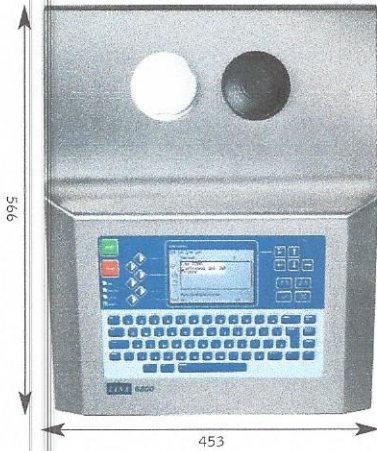
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# Linx 6800 Spectrum

**Dimensions (mm)**

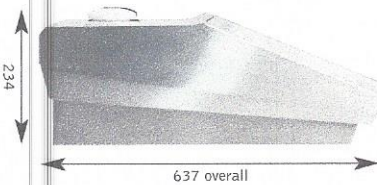
Top Elevation



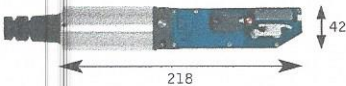
Front Elevation



Side Elevation



Side Elevation



**Performance**

	ULTIMA plus	MIDI plus
Printhead	1, 2 or 3	1, 2, 3 or 4
Lines of print supported	1, 2 or 3	1, 2, 3 or 4
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
Proportional and high speed fonts	•	•
Standard speed (SS) print option	•	•
High performance (HP) print option	◦	

**General features**

- Single button startup and shutdown
- 'Hot-key' and menu-driven message creation and editing
- Message wizard
- Integral QWERTY keyboard (full size)
- 1/4 VGA back-lit colour 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 facilities**

- Fixed and variable text
- Upper and lower case characters
- Graphics/logos
- Logo editor
- Bar codes EAN 8, EAN 13, 2 of 5, ITF, Code 39, Code 128, UPC-A
- Data Matrix
- Bold factor up to 10 times
- Height, width and delay functions
- Formats for shift coding, days, months
- Flexible date options
- 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 message files
- Sequential numbering
- Dynamic reverse and invert printing
- Rotated character ('tower') printing
- Message creation/editing whilst printing
- Timed-message function
- Flexible print trigger options
- User defined time/date formats
- PC-based message and logo creation software

**Printheads**

ULTIMA plus (optimised for 1 to 3 lines of text/graphics)	•
MIDI plus (optimised for up to 4 lines of text/graphics)	◦
90° printhead configuration	◦
2m conduit	•
4m conduit	◦
Positive air purge to printhead	◦
Cutaway printhead cover tube	◦
Magnetic shielded printhead cover	◦

**Ink range**

High opacity pigmented inks	•
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**Connections/interfacing for**

RS232	•
Shaft encoder	•
Primary and secondary product detectors	•
External single stage alarm output	•
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 single-stage 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	115-230V, 50/60Hz
Power rating	200W
Weight	24kg

**Regulatory approvals**

TÜV/GS	•
CE mark	•
FCC	•

† requires cabling to link printers • standard ◦ option

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