

Linx 4900

Cleaner. Clearer. Cleverer.



The Linx 4900 delivers a product coding solution that is clean, simple and reliable to use in a wide range of applications.

The printer provides one or two line coding and can also print simple graphics. Codes including date, time and shift information are easily created using a wide range of pre-defined formats.

The Linx 4900 has a stainless steel enclosure and an IP55 rating; making it suitable for a wide range of production environments.

- Sealed printhead incorporates a valve system for clearer, cleaner startups, even after extended shutdowns
- Clear, simple user interface with WYSIWYG message display means that messages are created, selected, edited and printed right first time
- Stainless steel cover has no dirt traps and provides a surface off which liquid naturally slides
- IP55 rating – the enclosure design is ideal for washdown environments such as food packaging, without the added cost of factory air
- Autoflush of the printer and conduit at shutdown ensures that the printer is always ready for a trouble-free startup
- Ink and solvent refilling is mistake proof and mess free
- Up to 50 messages can be stored, and selected via a preview screen for easy identification
- When printing is finished, a simple one-button press will shut down the printer and switch it off.



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Linx 4900

Cleaner.



Tough and stylish stainless steel enclosure with easy ink and solvent refilling

The enclosure incorporates curves which not only look good but mean that liquid naturally runs off the printer and there are no dirt traps – ideal for food and pharmaceutical packaging environments. Ink and solvent refilling is mistake proof and mess free.

IP55 environmental protection rating

The printer offers an IP55 rating as standard. This minimises dust and water access and meets the minimum standard for washdown environments. Unlike other printing systems, the Linx 4900 achieves this without the additional cost of factory air.

Full auto flush at shutdown

The Linx 4900 automatically flushes the printhead and conduit at shutdown, removing any traces of ink and preparing the printer for a reliable, trouble-free startup.

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Intelligent jet control system

The Linx 4900 continuously measures and controls the jet speed to maintain ink viscosity (and therefore print quality). Three non-mechanical sensors measure temperature (allowing a wider range of temperature variations), time of flight of ink droplets and jet pressure (to ensure consistent formation of ink droplets). The printer makes automatic adjustments, in addition to adding solvent – with no need for user intervention whatsoever.

Clear, easy to use and simple user interface

The Linx 4900 is designed for error-free message creation and printing. Simple, menu-driven screens give fast access to all printer functions. The bright, clear screen, full size keyboard, and WYSIWYG message display mean that messages can be created, selected, edited and printed right first time.



Sealed, robust printhead for clearer, cleaner coding

The printhead incorporates a valve system to give clean and reliable start and stop performance every time, with clear, consistent print, even after extended shutdowns. Critical printhead components are sealed and protected, so there is no risk of damage or misadjustment that could affect print quality.



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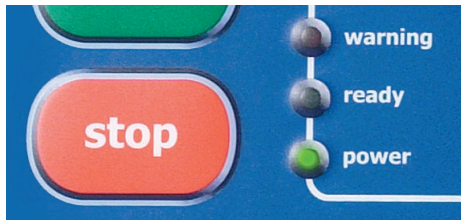
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Auto power down

When printing is completed, a simple one-button press stops printing and will shut down the printer. The printer will automatically clean itself and then switch off. This removes both the risk of switching the machine off too soon, and the inconvenience of waiting for the machine to shut down before switching off.

Flexible message storage and easy message selection

Up to 50 messages can be stored. Messages are shown on a preview screen before selection, so the right message can be selected without the need for remembering message names. The software offers a wide range of ready-to-use date, time, sequential number and shift coding formats. Logos and graphics can also be printed.

Mistake proof operation

The Linx 4900 is cleverly designed to ensure that the user never needs to open the enclosure thus avoiding potential damage to critical printer components. The Linx 4900 monitors and adjusts the running parameters of the printer by itself, with clear on-screen diagnostics. No manual adjustments are needed to the printhead for any operation.

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The Linx 4900

Dimensions (mm)

Top Elevation



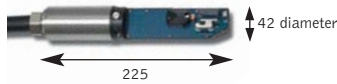
Front Elevation



Side Elevation



Printhead



*Including clearance

Performance

Printhead	Ultima 1 or 2	Ultima plus 1 or 2
Lines of print supported		
Character height range	2.1 to 7.7mm	2.6 to 8.8mm
Maximum speed: single line print, wide pitch	6.25 m/s	7.28m/s
Maximum number of characters per second	2222	2133
Standard speed (SS) print option	•	•
High speed (HS) print option	○	○
Super high speed (SHS) print option	○	○
Maximum message length (number of characters)		682
Graphics/logo printing		•
Number of message types		Up to 9

General features

- Single button startup and shutdown
- Menu-driven message creation and editing
- Integral QWERTY keypad (full size)
- WYSIWYG message display
- High brightness back-lit LCD display with adjustable contrast (black on white, 256x64 pixels)
- Mistake proof mess free ink and solvent refilling
- Auto printhead and conduit flush
- Auto power off
- Choice of operator languages (26)
- Printer status indicators (4 LEDs)
- Full on-screen diagnostics
- Password protected functions

Programming and printing facilities

- Fixed and variable text
- Upper-case and lower-case characters
- Bold factor up to 9 times
- Character height, width and delay functions
- Automatic formats for shift coding, dates and times
- Flexible date and time format options
- Real-time clock functions
- Automatic date forward function
- Batch coding and counting
- Sequential numbering
- Reverse printing
- Timed-message function
- LogoJet PC-based message and logo creation software
- DDE Driver for PC application development

Memory capacity

Message storage capacity (number of messages)	Up to 50
Logo storage capacity on PROM (number of logos)	Up to 100

Printhead options

- Ultima (62µm)
- Ultima plus (75µm)
- 90° printhead configuration
- 2m conduit
- 4m conduit
- Positive air purge to printhead
- Cutaway printhead cover tube
- Magnetic shielded cover tube

Ink range

- Linx MEK base (dye/pigmented excluding white)
- Linx mixed base
- Linx ethanol base

Connections/interfaces for

- Shaft encoder
- Product detector
- External single stage alarm output
- RS232
- External Parallel Input/Output module
- Volt-free contact alarm connection
- LogoJet and DDE Driver software

Physical characteristics

Stainless steel base and cover	•
Environmental protection rating (EN60529:1991 / IEC60529:1989)	IP55
Mounting options	Bench or console
Operating temperature range	5 – 45°C
Humidity range (relative humidity, non-condensing)	10 – 90%
Power supply	100 – 230V 50/60Hz
Power rating	200W
Weight	20kg

Regulatory approvals

- TÜV/GS
- CE mark
- FCC

Key • standard ○ option

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