

Linx 5900DC



Is your coding equipment the weak link in your dairy products production line?

The Linx 5900DC is specifically designed to give you a one-stop solution for all your dairy product coding needs. With features you need as standard, and the ability to upgrade as and when you need it, the Linx 5900DC delivers reliable coding performance – now and in the future.

Dedicated to Dairy

- Built-in hardware and software features allow you to code across multi-lane production lines and in both directions to maximise output
- A robust printhead and flexible conduit ensures reliable operation in both static and moving printhead applications

- Meet your hygiene requirements – IP55 rated with a smooth, stainless steel enclosure and no doors to open when refilling – for clean and reliable operation in washdown environments.

Keep your line running, and your costs low

- FullFlush® self-cleaning technology keeps the printhead clean and your production line moving without disruption, even in humid or cold production environments
- Less downtime – with an adjustment-free printhead, no exposed wires and minimal maintenance required
- Quick message creation and editing – with the large colour user interface featuring prompted coding fields
- Low annual maintenance costs – with service intervals of up to 6,000 hours, and fewer parts to change during services than other printers.

Future-proof your production line

- Three-line coding, USB message sharing and store up to 1000 messages as standard
- Add message control with the Linx Insight® upgrade for remote monitoring from your smartphone or PC
- Add quick and accurate code changes with a barcode scanner and Linx QuickSwitch® technology
- Improve integration across your production line by connecting and controlling several printers from your PC, using parallel I/O and Ethernet connectivity.



THINKING ALONG YOUR LINES

Linx 5900DC

Dimensions (mm)

Top Elevation



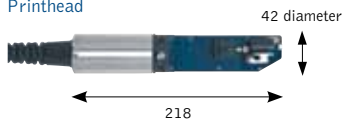
Front Elevation



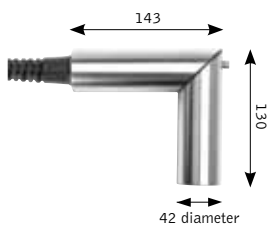
Side Elevation



Printhead



Midi SRRA Printhead



Print speeds and printhead options

Printhead	Mini	Ultima*	Midi*	Ultima plus	Midi plus
Nozzle size	50 µm	62 µm	62 µm	75 µm	75 µm
Lines of print supported	1 or 2	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3
Character height range	1.4 to 4.6 mm	1.8 to 7.8 mm	1.8 to 8.8 mm	2.1 to 9.5 mm	2.1 to 10.7 mm
Font height range (in printed drops)	5 to 16	5 to 25	5 to 25	5 to 25	5 to 25
Maximum speed: single line print, wide pitch	6.83 m/s	6.25 m/s	6.28 m/s	7.28 m/s	1.61 m/s
Maximum number of characters per second	2667	2222	1905	2133	629
Standard and High Speed print formats	•	•	•	•	•

*For certain inks, Ultima A and Midi A printheads replace Ultima and Midi printheads, to provide reliable performance. Print speeds are unchanged.

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 3/4 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)
- Dynamically adjusted service interval up to 6000 hours (dependent on ink type and environment)
- Password-protected functions
- Dynamic message and logo storage capacity (up to 1000 typical messages)
- Prompted fields
- Robust conduit for static and moving printhead applications

Programming and printing facilities

- Fixed and variable text
- Upper and lower case characters
- Graphics/logo printing
- Logo import as bitmap using USB port
- QuickSwitch message selection and editing using bar code scanner
- Bold factor (up to 10 times)
- Height, width and delay functions for easy code sizing and positioning
- Shift coding
- Remote communications interface
- Real-time clock functions
- Batch coding and counting
- Sequential numbering and messages
- Dynamic reverse and invert printing for traversing lines
- Automatic date forward function
- Rotated character ('tower') printing
- Message creation/editing whilst printing
- Timed-message function
- Flexible print trigger options
- LogoJet PC-based message and logo creation software

Printhead options

- 2m conduit
- 4m conduit (not available with 5900 Solver)
- 90° printhead configuration
- Positive air purge to printhead (improves performance in dusty and humid environments)
- Cutaway printhead cover tube
- Magnetic shielded cover tube
- Midi Short Reach Right Angled (SRRA) printhead, length 130mm

Ink range

- Linx MEK base (dye-based)
- Linx mixed base (MEK-free)
- Linx ethanol base (MEK-free)
- Linx MEK soft pigmented

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
IP55 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 consumption	60W (typical when printing)
Power rating	200W
Weight	21kg

Regulatory approvals

- GS
- CE
- EAC
- NRTL
- FCC

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

www.linxglobal.com



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