

Linx SLHP



LINX

120W Laser coding system

Looking to match high speed and high power with one laser coder?

The Linx SLHP CO2 laser is one of the fastest and most powerful laser coders in its class, with an unparalleled range of code types, speeds and applications. It can be used in static or 'on the fly' applications on a wide range of materials from glass, PET and PVC to printed card.

High speed / high power

The 120W laser can easily cope with high speed beverage production lines as it can handle in excess of 70,000 bottles per hour. The Linx SLHP can also mark complex pharmaceutical codes, such as 2D Data Matrix codes and large areas of coded information, again at high speed.

The high power allows many different materials to be marked quickly and permanently, such as glass, rubber, PET and PVC.

Quality coding

The combination of high speed and high power delivers high quality coding. A shorter dwell time of the laser on the

product reduces the chance of outside interference during coding, resulting in crisp accurate marks.

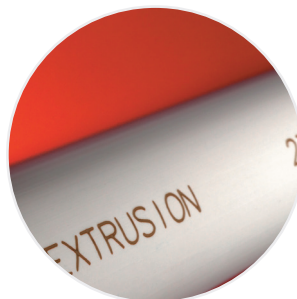
Logos that match the brand packaging can be permanently applied, as well as anti-counterfeiting measures, making the Linx SLHP suitable for premium products such as spirits, perfumes, cosmetics, as well as tobacco and automotive products.

Quality coding

The IP56 rating of both the laser marking head and power source makes the Linx SLHP an extremely reliable, robust laser coder that can be used even in harsh production environments. Efficient use of the laser source prolongs the life of the laser tube, and means that the Linx SLHP

can deliver extra power or speed in future without additional investment.

An articulated laser arm enables integration into marking applications with minimal disruption to existing processes. There is no reliance on factory air or water to cool the laser tube and therefore no ongoing consumable costs. The software is extremely easy to use, allowing a wide range of 2D, Data Matrix, and barcodes to be applied through the simple integrated keypad.



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FRONT ELEVATION



SIDE ELEVATION



CONTROL PANEL



MARKING HEAD



Technical Specifications


MARKING CAPABILITIES
Multi-line
Large area marking
Barcodes
Complex graphics/logos
Data Matrix
Stationary marking
2D codes
On-the-fly marking
Vertical marking
Long messages

APPLICATIONS – PERMANENT MARKS
Bottling lines – high speed marking on glass or labels
Tobacco products – anti-counterfeiting
Pharmaceutical – long messages, complex and multi-line codes, GS1 (including 2D codes), anti-counterfeiting
FMCG – high volume, high throughput products – marking on card, film, labels
Cosmetics – anti-counterfeiting marks on glass, logos
Rubber products – wiper blades, door seals
Automotive – security etching on windows
Plastics – PET, PVC, HDPE

LASER DETAILS
Laser: Single sealed CO ₂
Laser class: 4 (according to EN 60825-1)
Average coding power: 120 watts (max)
Maximum characters/sec: Up to 1200 (2 mm high characters)
Beam delivery: Articulated arm, additional options available
Marking Head: Dual axis scanner
Scan area options: 70mm x 70mm – 210 mm x 210 mm
Cooling: Integral (air to water)*
IP Rating – marking head and power source: IP56
Voltage: 200-240v 50/60 Hz Single or Bi-phase
Software: Windows® operating system. Programmable date/time with offset, custom date, sequential, 3-level password protection, 2-channel quad encoder input, flash memory backup, RS-232 interface
Control: Integral QWERTY keypad and 1/4 VGA display, remote keypad optional
Product features: 7-knuckle articulated arm for optimal integration, remote display option
Regulatory approvals: CE

* Optional Closed cycle/mains water for high duty cycle applications.

INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT
OR SCATTERED RADIATION
CLASS 4 (CLASS IV) LASER PRODUCT



EN60825-1 :2014
US-21CFR(J) 1040.10

CARBON DIOXIDE LASER WITH PULSED
AND SCANNED LASER RADIATION OUTPUT

WAVELENGTH: 9µm - 12µm
AVERAGE POWER (Maximum):260W
PEAK POWER (Maximum):780W
PULSE DURATION (Maximum):400µs