Linx SL101

10W Scribing laser system

How much time and money are you wasting with your current coding system? Maybe it's time for a change.

The economical Linx SL101 10W laser system has been specifically designed to meet a wide range of coding requirements.

Low running costs

- A tube life of 45,000 hours – the longest tube life on the market, greatly reduces overall running costs
- Service intervals typically twice that of the industry standard, due to the laser's design which makes it very reliable in even the most demanding factory environments
- Does not require expensive factory air for cooling unlike many alternative laser coders

Easy to maintain

- IP54 rating – maximum reliability and uptime in challenging environments
- 24/7 operation without the need for manual intervention

A versatile coder

- VisiCode™ unique to Linx lasers, enables the laser to produce the clearest code possible on cold glass.
- Choose between 10.6µm and 9.3µm laser tubes for optimum coding on different substrates
- Linx's QuickSwitch™ (optional) allows fast and easy code changes using a barcode scanner or other external device
- Label Enable, used when coding on a label station, ensures the laser is triggered at just the right moment for coding the label
- 24/7 operation without the need for manual intervention

LINX

THINKING ALONG YOUR LINES

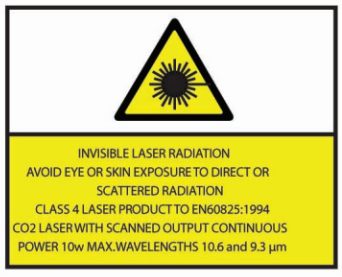
Linx SL101

Dimensions (mm)

Marking Unit

Supply Unit

Hand-held Control Unit (HCU)



Performance	
Line speed*	110m/min
Standard model SL101	SHC60 Marking head, 95mm lens
Spot size/Mark field/Marking distance	0.27mm/66x66mm/96mm
Other lens and head options (range)	
• Spot size	0.09–1.12mm
• Mark field	29x36–295x407mm
• Marking distance	67–385mm
No. lines of text	Only limited by character size and mark field size
Character height	Up to mark field size
Print orientation	0-360°
General features	
Set-up/user interface	Via HCU or PC
PC user interface application	Windows XP/Vista
Multiple operating languages	English, German, Spanish, French, Italian, Portuguese, Dutch, Polish, Russian
Comprehensive systems diagnostics including log function	•
Variable pulse frequency	50 to 20,000 Hz
Memory storage (MMC)	256MB
Password protection	3 protected levels
Dual galvo character generation	•
Automatic safety shutter	•
Printing and programming facilities	
Character type	Vector fonts
Available fonts	9 System vector fonts, OTF, TTF, PFA, PFB and SVG fonts, Optional customized fonts
Real time with offset	Yes (hh:mm:ss)
Date stamp with offset	•
Julian date	•
Custom date and time formats	•
Shift code with time increment	•
Increment/decrement (batch count)	•
Unit measurement (imperial and metric)	•
Last code used	•
Graphics edit and download capability	Using LinxDraw Software
Job control	•
Job select	256 jobs
Bar codes	BC25, BC25I, BC39, BC39E, BC93, EAN 8, EAN 13, BC128, EAN 128, Postnet, SCC14, UPC_A, UPC_E, RSS14TR, RSS14ST, RSS14STO, RSSLIM, RSSEXP
Data matrix 2D codes	ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR
Circular text	•
Physical characteristics	
Material	Stainless steel covers, anodised aluminium chassis
Weight: Marking unit/supply unit	14.4kg/12kg
Conduit length	3m (standard), 5m (optional)
Head options	SHC60 (standard spot), SHC100 (small spot), SHC120 (micro spot)
Head mounting kits	BEU (Beam Extension Unit), BTU (Beam Turning Unit), straight shooter
Cooling IP54 standard	Air cooled
Supply voltage/frequency	Auto selection range 100 to 240V
Maximum power consumption	0.4kVA
Laser details	
Laser type	Sealed RF excited CO_2
Max. laser output (10.6µm)	10W
Life (average)	45,000hrs
Wave-length	10.6µm or 9.3µm
Laser tube warranty	2 years
Environmental details	
Ambient operating temperature	5 to 40°C (70% duty cycle at maximum temperature)
Automatic overheat detection	Yes
Storage temperature	-10 to 70°C
Humidity range	10-90% (relative, non condensing)
Interfacing	
Interface ports	1 detector, 1 encoder, 1 RS232 (option) 1 External RJ45 Ethernet Port, 1 Internal RJ45 Ethernet Port (option)
Computer interface	Ethernet
Job select	○
Good mark output	•
Bad mark output	•
Remote control	○
Remote update	○ RS232
Auto start up	•
Regulatory approvals	
CE mark	•

*1 line of 10 characters – Blue Card

MP42157

IJPN TECHNOLOGIES (I) PVT. LTD.

H.O. # 495/2, Ground Floor, Ganesh Nagar Extn. II, Main Madhuban Road, Shakarpur, Delhi-110092
Ph. : 011-22540625, 65493852, M.: 9211729817/19/20, E-mail : info@ijpnindia.com, sales@ijpnindia.com