

Linx SL301

30W Scribing laser system



Do you need a laser coder that delivers improved productivity, low running costs and low maintenance, with no compromise on code quality? If so, why not switch to the Linx SL301?

Fastest laser coder on the market

- Digital galvos with the fastest response time and greatest control, give our lasers more time to code
- The widest range of marking heads and lens options ensures that our lasers can be fine tuned to individual applications, allowing better utilization of the laser energy.

Lowest 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 some alternative laser coders*

Most 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
- Choose between IP54 and IP65 models

*IP54 models. IP65 requires a Blower Unit (see overleaf).



THINKING ALONG YOUR LINES

Linx SL301

Dimensions (mm)

Marking Unit



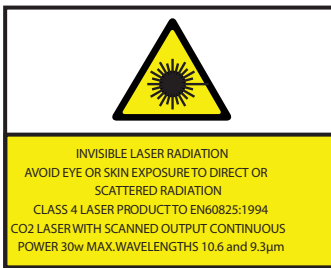
Supply Unit



Hand-held Control Unit (HCU)



Blower Unit



Performance

Line speed*
Standard model SL 301
Spot size/Mark field/Marking distance
Other lens and head options (range)
• Spot size
• Mark field
• Marking distance
No. lines of text
Character height
Print orientation

300m/min
SHC60 Marking head, 95mm lens
0.31mm/66x66mm/96mm
0.11–1.65mm
29x36–295x407mm
67–385mm
Only limited by character size and mark field size
Up to mark field size
0-360°

General features

Set-up/user interface
PC user interface application
Multiple operating languages

Via HCU or PC
Windows XP/Vista
English, German, Spanish, French, Italian, Portuguese, Dutch, Polish, Russian

Comprehensive systems diagnostics including log function

Variable pulse frequency
Memory storage (MMC)
Password protection
Dual galvo character generation
Automatic safety shutter

50 to 25,000 Hz
256MB
3 protected levels

Printing and programming facilities

Character type
Available fonts

Vector fonts
9 System vector fonts, OTF, TTF, PFA, PFB and SVG fonts, Optional customized fonts
Yes (hh:mm:ss)

Real time with offset
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
Job control
Job select
Bar codes

Using LinxDraw Software

256 jobs
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
Circular text

ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR

Physical characteristics

Material
IP Rating: Marking unit/supply unit
Weight: Marking unit/supply unit
Conduit length
Head options
Head mounting kits
Cooling IP 54 Standard
Cooling IP 65 kit option
Supply voltage/frequency
Maximum power consumption

Stainless steel covers, anodised aluminium chassis
IP 54 or IP 65
21.4kg/12kg
3m (standard), 5m (optional)
SHC60 (standard spot), SHC100 (small spot), SHC120 (micro spot)
BEU (Beam Extension Unit), BTU (Beam Turning Unit), straight shooter
Air cooled
Blower Unit (see below)
Auto selection range 100 to 240V
0.7kVA

Laser details

Laser type
Max. laser output (10.6µm)
Life (average)
Wave-length
Laser tube warranty

Sealed RF excited CO₂
30W
45,000hrs
10.6µm or 9.3µm
2 years

Environmental details

Ambient operating temperature
Automatic overheat detection
Storage temperature
Humidity range

5 to 40°C (70% duty cycle at maximum temperature)
Yes
-10 to 70°C
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

Job select
Good mark output
Bad mark output
Remote control
Remote update
Auto start up

Ethernet
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•
•
• RS232
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External Blower Unit (IP65 option)

Part number 230V Blower
Part number 110V Blower
Supply voltage/frequency
Air flow capacity
Ambient Temperature
Weight

SLAD350 – AV/D – 230V
SLAD350 – AV/D – 110V
Auto selection range 115 to 230V
400m³ / hr
+5°C to +40°C
15kg

Regulatory approvals

CE mark

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*1 line of 10 characters – Blue Card

Key • standard ◦ option

For Additional information about this product please contact:



Ketan Automated Equipment, Inc. 1451 South Cucamonga Ave., Ontario, CA 9176, USA
Ph (909) 930-0780, Fax (909) 930-0945 • www.ketanautomated.com • info@ketanautomated.com