

Xymark 300SL



Compact scribing laser system



The new Xymark 300SL is a compact fully featured mid-powered laser coder with full alphanumeric, graphics and barcode printing capability – ideal for a wide range of coding and marking tasks on primary packaging.

Flexible product coding

Capable of printing both on stationary and moving products, it has a large scan area that can print text and graphics up to a height of 60 mm/2.36 in.

Versatility on your production line

The total package weighs in at just 22 kg/48.5 lb making it easy to install and move from line to line. Dual-axis galvanometer mirrors ensure that it can be mounted and can print in any orientation.

Easy set-up, consistent print quality

The specially developed software incorporates a convenient product pitch and print calculator for easy set-up on the production line.

Instantaneous line speed monitoring ensures high quality on-the-fly coding at varying line speeds.

Easy to use and integrate

The compact laser unit comes with an easy to use purpose-built detachable user interface for routine editing and set-up functions. An optional PC interface is available for more sophisticated functions. Communications capability via IrDA, RS232 and Ethernet ensures that the Xymark 300SL can be easily integrated with PCs and other production line equipment.

www.xymark300sl.com



LINX

THINKING ALONG YOUR LINES

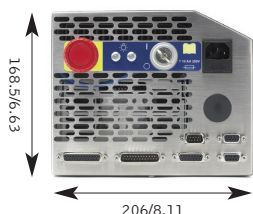
Xymark 300SL

Dimensions (mm/in)

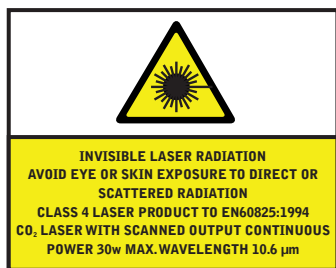


* Incl E-Stop

Rear view



Simple User Interface (SUI)



www.linx.co.uk



Performance

Maximum number of actual characters per second
Maximum line speed (substrate dependent)
Spot size
Mark field
Marking distance*
Maximum number of lines of text
Character height
Coding capability
Print orientation

*measured from stainless steel cover

300SL

500
200m/min (656 ft/min)
0.3mm (0.012 in)
60 x 60mm (2.36 x 2.36 in)
74mm (2.91 in)
typically 25
1.5 to 60mm (0.059 to 2.36 in)
stationary or moving
0-360°

300SL (small spot size)

500
167m/min (548 ft/min)
0.15mm (0.006 in)
50 x 50mm (1.97 x 1.97 in)
62mm (2.44 in)
typically 25
0.8 to 50mm (0.031 to 1.97 in)
stationary or moving
0-360°

General features

Set-up/user interface
Simple user interface (SUI)

PC user interface application
Multiple operating languages
Comprehensive systems diagnostics including log function
Memory storage (6.5 MB)
Password protection
Dual galvo character generation
Automatic safety shutter

via detachable interface unit (SUI) or PC-based interface
1/4 VGA , 320 x 240 pixels; 48 alphanumeric, 3 "soft" function, 6 navigational keys
Windows XP, 2000, NT4

typically 500 codes
multi-level, user configurable

Printing and programming facilities

Character type
Available fonts

Real time with offset
Date stamp with offset
Julian date
Custom date and time formats
Shift code with time increment
Shot count
Increment/decrement (batch count)
Last code used
Graphics edit and download capability
Macro language editor
Bar codes

vector fonts
1 fixed-pitch font via interface unit,
6 standard via PC, additional fonts available yes (h:m and h:m:s)
✓
✓
✓
✓
✓ (current code)
✓
✓
✓ via PC
✓ via PC
EAN 8, EAN 13, UPC 7, UPC 12, ISBN, Code 39, Code 128, ITF, CODABAR, MSI

Physical characteristics

Standard mechanical configuration
Material
Weight – laser unit/interface unit
Scan head configuration
Cooling
Electrical requirements
Automatic voltage/frequency selection
Maximum power consumption
Dual detector lockout

laser unit, interface unit, 3m (9.8 ft) cable interconnect
stainless steel covers, aluminium chassis
21 kg/1 kg (46.3 lb/2.2 lb)
right angle to laser main axis ("side shooting")
forced air - integral
100-240 volt single phase +/-10%, 50/60 Hz
✓
0.8 kVA
✓

Laser details

Laser type
Laser – average power
Gas consumption

sealed CO₂ RF excited
25 W minimum
nil

Environmental details

Ambient operating temperature
Automatic overheat detection
Storage temperature
Humidity range

5 to 40°C (41 to 104°F)
✓
-10°C to +70°C (14°F to 158°F)
10-90% r.h. (non condensing)

Interfacing

Interface ports
Computer interface
Emergency stop
Remote emergency stop
Remote control
Remote toggle
Remote update

2 trigger/encoder, RS232, user I/O, interface unit
RS232, IrDA, Ethernet ready
✓
optional
full control of code and system parameters – hot pluggable
3 inputs
✓

Regulatory approvals

CE mark
CDRH

✓
accession number: 0322336-01

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