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).
### Linx SL301

**Performance**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line speed</td>
<td>300m/min</td>
</tr>
<tr>
<td>Standard model SL301</td>
<td>SHC60 Marking head, 95mm lens 0.31 mm/66x66mm/96mm</td>
</tr>
<tr>
<td>Spot size/Mark field/Marking distance</td>
<td>12 mm/0.11 – 1.65 mm 29x36 – 295x407 mm 67 – 385 mm</td>
</tr>
<tr>
<td>Other lens and head options (range)</td>
<td>Only limited by character size and mark field size</td>
</tr>
<tr>
<td>Character height</td>
<td>Up to mark field size 0-360°</td>
</tr>
</tbody>
</table>

**General features**

- Set-up/user interface: Via HCU or PC
- Multiple operating languages: English, German, Spanish, French, Italian, Portuguese, Dutch, Polish, Russian
- Comprehensive systems diagnostics including log function
- Variable pulse frequency
- Memory storage (MMC): 50 to 25,000 Hz, 256MB, 3 protected levels
- Password protection
- Dual galvo character generation
- Automatic safety shutter

**Printing and programming facilities**

- Character type: Vector fonts
- Available fonts: 9 System vector fonts, OFF, TTF, PFA, PFB and SVG fonts, Optional customized fonts
- Real time with offset: Yes (N, mm/s)
- Date stamp with offset
- Julian date
- Custom date and time formats
- Shift date
- Clock synchronization (batch count)
- Last code used
- Unit measurement (imperial and metric)
- Graphics edit and download capability
- Job control
- Bar codes: BC25, BC25I, BC39, BC39E, BC93, EAN 8, EAN 13, BC128, EAN 128, Postnet, ECC04, UPC_A, UPC_E, RSS14TR, RSS14ST, RSS14STO, RSSLIM, RS5EXP
- Data matrix 2D codes: ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR
- Cylindrical character generation
- Text orientations: 0-360°
- Print orientation: 0-360°
- Variable print speed: 50 to 25,000 Hz
- Maximum power consumption: 0.7kVA
- Maximum laser output (10.6µm): 30W

**Physical characteristics**

- Material: Stainless steel covers, anodized aluminum chassis
- I.P. Rating: Marking unit/supply unit IP54 or IP65
- Weight: Marking unit/supply unit 21.4kg/12kg
- Conduct length
- Head options
- Head mounting kits
- Cooling: IP54 Standard
- Cooling IP65 kit option
- Supply voltage/frequency: Auto selection range 100 to 240V
- Laser details: Sealed RF excited CO₂
- Max. laser output (10.6µm): 30W
- Life (average): 45,000 hours
- 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
- Job select
- Good mark output
- Bad mark output
- Remote control
- Remote update
- Auto start
- External Blower Unit (IP65 option)
- Part number 230V Blower SLAD350 – AV/D – 230V
- Part number 110V Blower SLAD350 – AV/D – 110V
- Supply voltage/frequency: Auto selection range 115 to 230V
- Air flow capacity: 4000 m³/hr
- Ambient Temperature: +5°C to +40°C
- Weight: 15kg

**Regulatory approvals**

- CE mark
- UL
- CE mark

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