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 all your coding requirements on a wide variety of materials.

The LINX SL101 has been developed to be:
• Simple to install
• Simple to operate
• Simple to maintain

What does this mean for you?
• Lower installation costs
• Less downtime and hassle
• Simple setup and everyday operation
• Reliable coding around the clock without the need for manual intervention

Simple to install
• Broad range of head and lens configurations – for variable marking distances
• Short installation times
• Different head orientations – for simple integration into challenging production line set-ups

Simple to operate
• Operation via a remote hand-held control
• Code setups and changes at the touch of a button
• Intuitive user interface – no classroom training needed
• LINXDraw PC software enables more complex code creation (i.e. graphics & 2D codes)

Simple to maintain
• IP54/65 rating – Maximum reliability and uptime in challenging environments
• Long-life laser tube with large gas volume
• 24/7 operation without the need for manual intervention
LINX SL101

**Performance**
- **Line speed**
  - Standard model SL101
  - SHC60 Marking head, 2.5" lens
  - 0.01"/1.73" x 1.73"/2.63"
  - 0.0035"–0.044"
  - 1.14x1.14–11.62x16.04"
  - 2.64–15.17"
- **Spot size**
- **Mark field**
- **Marking distance**
- **No. of lines of text**
- **Character height**
- **Print rotation**

**General features**
- **Set-up/user interface**
- **Hand-held Control Unit (HCU)**
- **PC software interface**
- **LINXDraw (Windows XP, 2000)**
- **Password protection**
  - 3 levels – Operator, Line supervisor, Service engineer
- **Memory storage (MMC)**
  - 256MB
- **Fixed line speed coding**
- **Variable line speed coding**
- **High-speed column printing**
- **System diagnostic and error log function**

**Printing and programming facilities**
- **Fonts**
  - 9 optimized vector fonts, can import OTF, TTF, PFA, PFB and SVG fonts
- **Last code used function**
- **Graphics editing and import**
- **Multiple font selection**
  - Yes – character by character
- **Barcodes**
  - UPC_A, RSS 14TR, RSS 14ST, RSSLIM, RSSEXP
- **Data matrix 2D codes**
  - ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN
- **Languages**
  - English, German, Dutch, Spanish, Portuguese, French, Italian

**Physical characteristics**
- **Material**
  - Stainless steel covers, anodized aluminium chassis
- **Weight**
  - Marking unit/supply unit
  - 31.8 lbs/26.5 lbs
- **Conduit length**
  - 9.8 ft (standard), 16.4 ft (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**
  - Air cooled
  - External air source
- **Supply voltage/frequency**
  - Auto selection range 100 to 240V
- **Maximum power consumption**
  - 0.4kVA

**Laser details**
- **Laser type**
  - Sealed RF excited CO₂
- **Max. laser output power at lens**
  - 10W
- **Life (average)**
  - 40,000 hours
- **Wave-length**
  - 10.6µm or 9.3µm
- **Variable frequency range**
  - 3 to 25Khz
- **Laser tube warranty**
  - 2 years

**Environmental details**
- **Ambient operating temperature**
  - 41 to 104°F (70% duty cycle at maximum temperature)
- **Automatic overheat detection**
  - Yes
- **Storage temperature**
  - 14 to 158°F
- **Humidity range**
  - 10–90% (relative, non condensing)

**Interfacing**
- **Interface ports**
  - Sensor, Encoder, Ethernet, User I/O’s
- **Optional interfaces**
  - Serial port
- **PC interface**
  - Via Ethernet port

**Regulatory approvals**
- **CE mark**
  - 

*1 line of 10 characters – Blue Card

Key: ✓ standard

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