DIAGRAPH

LINX CSL60 SCRIBING CO_2 LASERS

The Linx CSL60 laser coding system is ideal for high-speed coding applications found in beverage or other demanding production environments. The high power 60W laser tube is ideal for coding onto hard to mark materials, like glass PET bottles, and high-speed lines.

Intuitive, touch screen user interface with LinxVision software for setting up, creating, and changing messages, resulting in less downtime between product changeovers

High power 60 W laser tube for coding onto hard to mark materials and on high speed lines — coding up to 70,000 bottles per hour (application dependent)

Easily integrates into bottling machinery with a supply unit that can be located up to 10m away

KEY FEATURES

- **Code crisp, permanent text or graphics** on many different packaging types including PET, glass, tetra packs, rubber and HDPE
- **Increased productivity and throughput** with faster line speeds up to 2,952ft/min (900m/min) without compromising on code quality
- **Ease of maintenance** even in harsh, wet and dusty environments found in breweries, wineries and distilleries with an optional IP65 rating
- **Efficient use of power and extended equipment life** leveraging the largest range of configurations of marking heads, lens and tube options

SPECIFICATIONS

Laser Details	
Laser Type	Sealed RF Excited CO_2
Nominal Laser Output (10.6)	60W
Laser Wave Length	9.3µm or 10.2µm or 10.6µm
Laser Tube Warranty	2 Years
Laser Source Life Expectancy	45,000 Hours (on average)

Performance	
Line Speed	Up to 2,952 ft/min (Code and Substrate Dependent)
Marking Speed	Up to 2,100 Characters/Sec
No. Lines of Text	Only Limited by Character Size and Marking Field
Code Height	Up to Marking Field Size — Max Height of 601 mm
Print Rotation	0 – 360°

Physical Characteristics	
Approximate Weight (Marking Unit/Supply Unit)	58.4-59.5 lb / 28.7 lb
Laser Head Protection Class	IP54 or IP65 (Optional)
Conduit Length	3m (Standard), 5 m (Optional), 10 m (Optional)
Head Mounting Options	Down (90°), or Straight Shooter (0°), Variable Length Beam Extension Units (BEU), 90° Beam Turning Unit (BTU)
Cooling System	IP54 Air Cooled, IP65 Blower Unit
Supply Voltage/Frequency	Auto Selection Range 100 to 240V
Maximum Power Consumption	1.15kW
Operating Temperature Range	41 – 104°F Ambient

User Interface	
Software	LinxDraw Compatibility: Windows 7
Easy Access Operator Toolbar	Date & Time Offset, Variable Text, Rotate/Move/Scale Code, Adjust Laser Intensity
Multiple Operating Languages	Arabic, Brazilian Portuguese, Bulgarian, Chinese Simplified, Chinese Traditional, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Thai, Turkish, Vietnamese
Password Protection	Password Protected Security Levels

Marking Formats	
Code Options	Date, Time, Static Text, Variable Text, Serial Numbers, Shift Codes, Increment/Decrement (Batch Count), ID Matrix, Barcodes, Graphics and Logos, Julian Date, Custom Date and Time Formats
Character Type	Vector Fonts
Standard System Vector Fonts	OTF, TTF, PFA, PFB, and SVG fonts
Barcodes	Barcodes (BC25, BC25I, BC39, BC39E, BC93, GSI-128, PZN, EAN 8, EAN 13, BC128, EAN 128, POSTNET, SCC14, UPC_A, UPC_E, RSS14TR, RSS14ST, RSS14STO, RSSLIM, RSSLIMGP, RSSEXP) and Datamatrix 2D codes (ECC000, ECC050, ECC080, ECC100, ECC140, ECC200, ECC PLAIN, QR, Aztec)

DIAGRAPH

Diagraph Marking & Coding
1 Research Park Drive
St. Charles, MO 63304-5685

+1 800 722 1125 | **Diagraph.com**

An ITW Company