

SmartLase® 130i / 130si

CO₂ laser coders ■ ■ ■



Our technology ■ ■ ■

The compact CO₂ laser delivers permanent, basic product coding (text and variable data). This 30 Watt version is the ideal solution for 1 to 4-line applications.

The power of the 30 Watt version is well suited for applications that demand higher speed and flexibility than a 10 Watt can deliver. The patented and proven dot matrix technology enables outstanding print speed for a wide variety of lot and date code applications in the food and beverage industries.

Your benefits ■ ■ ■

Performance – Dot matrix technology enables high print contrast and output rate up to 800 products/minute on a wide variety of materials including chipboard cartons, plastic and glass. Ability to print codes up to 1 meter in length.

Uptime – Patented dot matrix technology for optimal laser performance, increased laser source reliability and reduced operating costs.

Flexibility – Small size and compact configuration. Easy and safe installation on almost any production line with little modification to existing processes. SmartLase® 130si IP56 available for more demanding industrial applications.

Simplicity – Ergonomic hand-held interface featuring simple, easy-to-understand icons. User-friendly programming to minimize operator training and reduce errors.



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the team to trust ■ ■ ■

Print features ■ ■ ■

- Print area (H x W): 51 mm x 80 mm max
- Lines of print: Unlimited within physical print area (dependent on character size print area)
- Characters per line: Unlimited within physical print area (dependent on character size print area)
- Character format: Mixed matrix capability up to 255 x 255 spots
- Character type: Alphanumeric, graphics and symbols
- Character size: Adjustable from 0.5 mm to 51 mm max
- Image orientation: 0°-360°
- Print aperture orientation: 0°-90°
- Line speed: Up to 90 m/min (dependent on number of characters, resolution and substrate)

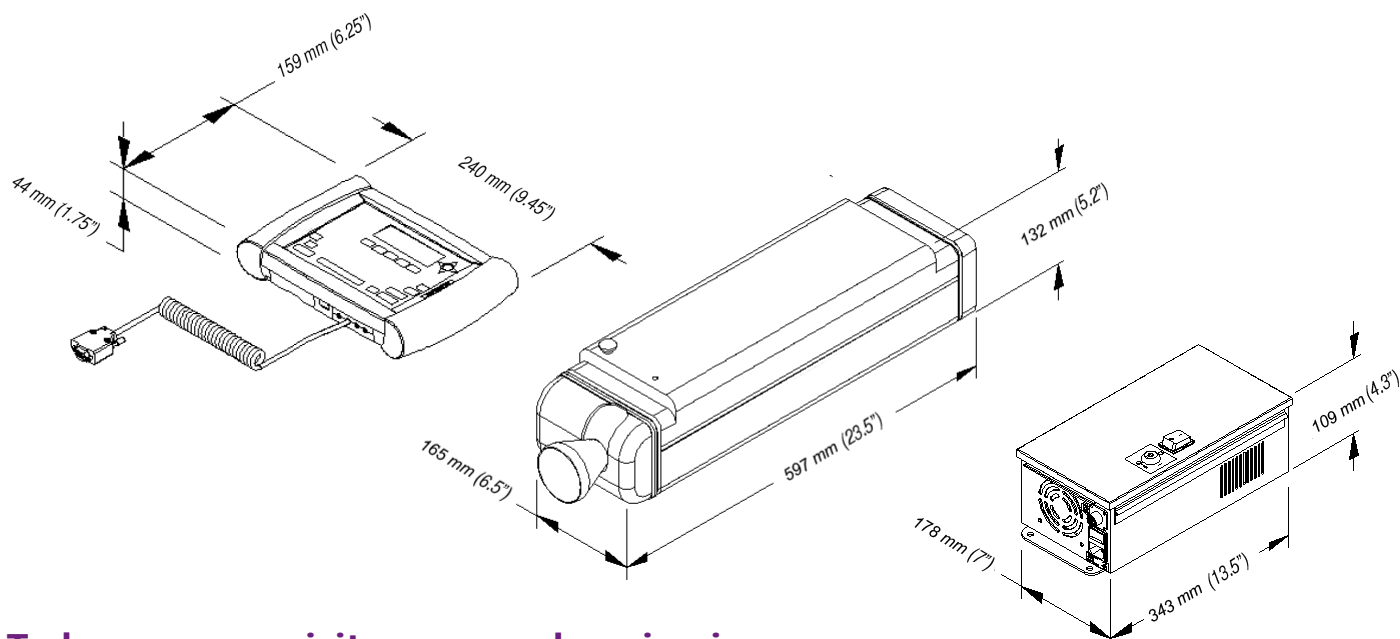
Other characteristics ■ ■ ■

- User Interface:
 - Display type: 1/4 VGA Backlit Graphics Display
 - Resolution: 240 x 320 pixels
 - Input key pad: Membrane QWERTY touch pad
 - Character type: Number pad, navigation keys and graphic character subset
 - Mode control: Run (auto), Stop (standby) and Demo (manual)
 - Laser intensity: One-touch function key
- SL 130i/130si printer:
 - Laser type: 30 Watt, air cooled RF excited CO₂ Laser
 - Protection: IP20 SL130i, IP56 SL130si
 - Dust protection: IP20 No, IP56 Yes
 - Washdown protection: IP20 No, IP56 Yes
 - Operating temperature: 5° to 40° C
 - Connectivity: RS232, standard / Ethernet, optional
 - Input: 100-120/200-240 VAC / 50-60 Hz

Other characteristics ■ ■ ■

- SL 130i printer:
 - Size (H x W x L): 13.2 cm x 16.5 cm x 59.7 cm
 - Weight: 5.3 kg
- SL 130si printer: All stainless steel.
 - Size (H x W x L) 15.2 cm x 20.3 cm x 78.1 cm (with air cooler)
 - Weight: 17.79 kg
- User interface:
 - Size (H x W x L): 15.9 cm x 24 cm x 4.4 cm

Laser radiation
Avoid eye or skin exposure to direct or scattered radiation
Class 4 laser product
Co₂ 50 watts
9,200 - 10,800 nm
Red 650 nm, 5 mw



To learn more, visit www.markem-imaje.com



We reserve the right to amend the design and/or specifications of our products without notice.

9, rue Gaspard Monge
 B.P. 110
 26501 Bourg-lès-Valence Cedex - France
 Tel.: +33 (0) 4 75 75 55 00
 Fax: +33 (0) 4 75 82 98 10

150 Congress Street
 Keene, NH 03431
 United States of America
 Tel.: +1 800-258-5356
 Fax: +1 603-357-1835



A Company