Xymark® dot matrix laser coders from Linx use sophisticated laser technology to mark variable information on a wide range of materials typically encountered in manufacturing and packaging operations. Combining ease of operation and versatility, Xymark laser coders are designed to fit seamlessly into the production line and to deliver high-performance printing 24 hours a day, seven days a week with utmost reliability and minimal maintenance.

The Xymark 10 and Xymark 10S models are designed for coding applications requiring higher print performance and greater flexibility. Both models provide a choice of four standard character formats (5 x 5, 5 x 7, 7 x 8 and 16 x 10) and can print graphics and/or up to five lines of text up to a maximum message height of 10 mm. Up to 100 messages can be stored for retrieval during product change-overs.

The Xymark 10 can generate up to 1000 characters per second, equating to a speed of up to 125 m/min depending on substrate. The Xymark 10S has a built-in tracking system which enables speeds up to 200 m/min (depending on substrate/application) and coding of stationary products to be achieved.
# Xymark 10 and Xymark 10S

## Performance characteristics

<table>
<thead>
<tr>
<th>Xymark 10</th>
<th>Xymark 10S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of test</td>
<td>1000</td>
</tr>
<tr>
<td>Maximum number of characters per second</td>
<td>125 m/min</td>
</tr>
<tr>
<td>Maximum line speed (25 µs dwell time, 7 x 5 font, 3mm scan height, single line)</td>
<td>5.9 x 5.9 x 7.8 x 15.10</td>
</tr>
<tr>
<td>Message height range</td>
<td>0.4 mm (10 mm scan height)</td>
</tr>
<tr>
<td>Dot size</td>
<td>0.1 mm (2.5 mm scan height)</td>
</tr>
<tr>
<td>Character formats</td>
<td>5 x 5, 7 x 5, 7 x 8, 16 x 10</td>
</tr>
</tbody>
</table>

## General features

- Sealed QWERTY membrane keypad for data entry
- 24 line x 53 character backlit LCD display
- Remote control panel, up to 5 m conduit (optional)
- Operating languages: English (optional French, German, Italian, Spanish, Dutch, Portuguese, Swedish)
- Extended fonts (EU or Asian)
- User-defined fonts
- Comprehensive systems diagnostics including log function
- Memory storage: 100 locations

## Programming and printing facilities

- Increment/decrement
- Batch
- Real time
- Calendar
- Date & time options
- Multiplex
- Password protection
- Fast code load
- shot count
- Graphics
- Optional scanning adapter

## Interfacing

- RS232/RS485
- Shaft encoder input (optional)
- Remote control signal

## Physical characteristics

- Stainless steel mobile cabinet with castors
- Dimensions: 350 mm (W) x 510 mm (L) x 1140 mm (H)
  - 14" (W) x 20" (L) x 45" (H)
- Weight: 132 kg (291 lbs)
- Environmental protection rating: IP55
- Articulated arm finish: Nickel Armourcoat
- Scan orientation adjustment: 360° adjustment with beam axis rotator
- Scan height & focus adjustment (magnetic-optical coupler)
- Reach of arm: 1.0 m (3' 4") in horizontal plane
- Arm support (pedestal or guard mounted)
- Cooling: Integral closed loop (air to water)
- Power supply type: 2 board FET (solid state RF)
- Electrical requirements: 110-120 and 200-240 V single phase, +/- 10%; 50/60 Hz
- Average power consumption: 1.7 kVA
- Dual detector lockout

## Laser details

- High-speed sealed RF excited CO2
- Peak power: 170 W
- Optional laser power (220W peak power)
- Laser power enhancement: -
- Air consumption: -
- Laser warranty: 2 years parts

## Environmental details

- Ambient operating temperature: 5 to 35°C
- Storage temperature: -10 to 55°C
- Humidity range (non-condensing): 10-90%

## Regulatory approvals

- CE Mark

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