



Professional Packaging Systems

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Markem-Imaje SmartLase C340 Laser Printers



At a Glance

- Laser coding solution that is suitable for basic packaging applications
- Reliable IP44 design (no plastic parts)
- Independent filter condition monitoring provides real time information

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

All-in-One Laser Coding Solution

Complete and cost-effective, the Markem-Imaje SmartLase C340 small laser printing machine that is suitable for basic package coding.

The SmartLase C340 is a complete cost-effective, laser coding solution that is suitable for basic packaging applications in the food, beverage and other industries. This all-in-one industrial laser coding solution delivers consistently high-quality codes with fast and easy line change-overs.

Benefits

Ready to print in one convenient unit. An affordable all-in-one design, the SmartLase C340 can be ordered complete with a dedicated fume extractor and package sensor mounted on an adjustable stand with a rolling caster base.

Greater flexibility and uptime. The SmartLase C340 offers you the flexibility to move from one conveyor to the next in less than 15 minutes with convenient adjustable stand and caster base. Also, there is no need to stop production to adjust or fine-tune contrast and code position, which means less downtime.

Powerful enough to handle most coding and marking applications. SmartLase C340 is capable of meeting all your basic package coding needs with 30 Watt, 10.6 μ wavelength laser and choice of 3 lenses from 70 mm x 70 mm to 120 mm x 120 mm.

Simple Efficient Filter Management

Fast and Efficient Filter Changes Independent filter condition monitoring provides real time information

on each of the different filters and identify when and which filter should be replaced.

Maintain High-Quality Codes Automatic flow control provides a consistent air flow over the life of the filters. When filters begin to block, the air flow rate is automatically adjusted to ensure efficient particulate, gas and odor capture.

Features

Durable Design Reliable IP44 design (no plastic parts). Resists > 1 mm particles and water spray. Prints in environments up to 45°C.

Minimize Operator Errors Intuitive and simple user interface options: choose 7" WYSIWYG touch screen or quick and convenient web-based UI for remote access from a laptop or desktop PC.

High Quality Codes SmartLase Code Technology, with Intelli'Arc, providing superior quality codes on a wide variety of substrates including difficult to code laminate coated materials, at a rate of up to 125 meters per minute.

Trusted Technology Leveraging the same SmartLase Code Technology that is embedded into all our SmartLase models, the SmartLase C340 ensures that the user experience is easy and straightforward. Utilizing patented algorithms and unique fonts allows for perfect lines and smooth curves, producing high-quality codes at faster line speeds.

Print Details

Max production line speed: 125 m/min

Max marking speed: 900 characters/s

Standard coding area and focal distance: Lens 100 x 100 mm / fd 140 mm

Print Features

Number of text lines: limited only by character height and allowable print area.

Character height: from 1 to 120 mm.

Choice of characters: Chinese, Latin and Unicode fonts.

Wide selection of languages: Arabic, Bosnian, Brazilian Portuguese, Bulgarian, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Romanian, Russian, Serbian, Slovenian, Spanish, Swedish, Turkish.

Operations

Web or optional user Interface 7" WYSIWYG color touch screen, QWERTY or AZERTY virtual keyboard, navigation via icons including on-line help file.

Message storage capacity of 500 jobs.

Upload and download jobs and settings via USB Flash Drive.

Standard I/O: Ethernet interface, USB, encoder, sensor, extractor controls, optional Markem-Imaje alarm tower, remote interlocks (dual channels).

Other Characteristics

Printhead weight: 21.4 kg

Printhead: anodized aluminum

Dust/Humidity protection: IP44

Operating temperature range: 5 to 45 °C - Humidity: 5 to 80% non-condensing

Electrical power supply: 100-240 V with automatic switching - Frequency: 50/60 Hz - Power consumption 7 A; 700 VA

Options

All-in-one stand includes: Mast with X & Y adjustments, footplate with casters, printhead bracket mount, user interface support mount, mounting bracket, cable clip, package sensor and sensor mount ES100 dust and fume extractor

Coding area and focal distance (mm): Lens 70 x 70 / fd 100 – Lens 100 x 100 / fd 140 – Lens 120 x 120 / fd 175

Remote user interface

Accessories

Guarding tunnel

Photocell package sensor

Encoder

Alarm beacon

Material Types

Tires

Tetrapak bricks

Seal wrappers

Seal bags

Power cables

Pouches

Plastic films

Pipes

Jars

Hoses

Decorative labels

Customized packages

Containers

Caps

Cables

Bulbs

Bottles

Industries

Soft drinks

Snack food

Pharmaceuticals

Pet food

Personal care

Oil and gas

Industrial components

Food

Extrusion

Electronics

Dairy
Cosmetics
Confectionery
Beverage
Beer & cider

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.