The new SmartLase F250 - power in a small package

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The new SmartLase® F250 from Markem-Imaje, locally available from Pyrotec PackMark, is the intelligent choice for your smart factory. It delivers high-quality, chemical-free, permanent coding while lowering your operating expenses. What's more, its exceptional performance in high-speed applications - even when increasing the code complexity of 1D and 2D codes - is all effortlessly integrated into an easy-to-operate compact unit.

Reliable. Compact. Intelligent

In addition to the SmartLase® F250's high-quality, chemical-free and permanent coding on high-density substrates, its lower operating expenses (OpEx) are achieved thanks to fewer line stoppages, higher efficiency, and no need for consumables. This compact unit is easy to integrate and its intuitive user interface not only improves the operator's efficiency but also reduces the risk of human error. Another noteworthy benefit is that F250 is Industry 4.0 optimised and interfaces with packaging intelligence solutions such as CoLOS®.

Benefits at a glance

Crisp, superb quality, permanent codes

- Clean, readable and traceable – even at the highest line speeds and product throughput
- Indelible marking protects against counterfeiting
- High-speed digital galvanometers that are driven by a unique algorithm

Lower OpEx, higher efficiency and chemical-free

- No added costs for consumables or external cooling
- Increased efficiency, reduced maintenance, and fewer line stoppages
- Virtually maintenance-free
- Clean, sustainable and compliant

Industry 4.0 ready, rugged, and safe

- Industry 4.0 optimised with a variety of industrial interfaces such as Ethernet/IP, PROFINET, NGPCL and full-featured CoLOS® software support
- Designed for the most challenging manufacturing environments with a complete IP55 controller and printhead
- Meets the highest standard of safety for E-stop and interlock circuits per ISO 13849-1/PLe.

Applications

Pyrotec PackMark is committed to helping you achieve the best quality codes for your specific application. The SmartLase® F250 is ideal for:

- Food and beverage: Bare metals, metalised foil packaging, plastics, aluminium, and anodized aluminium containers or caps.
- Pharma: Aseptic packaging, blister packs, and vial enclosures.
- Electrical: Metal and plastic parts (ABS, HDPE), and wire jackets.
- Automotive: Metal (steel, copper, titanium, aluminium), and plastic parts (POM, polycarbonate, polystyrene).

For help increasing your production output, reducing downtime, and optimising your printer's performance, call Pyrotec PackMark today to discuss extended product offerings without the labelling headaches.

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Pyrotec

Pyrotec is a proudly South African company with its focus aimed firmly on the future. Its five brands - Pyrotec PackMark, Pyrotec PackMedia, Pyrotec PackLink, Pyrotec PackWorx and Pyrotec Finance - make this an industry-leading company that specialises in a comprehensive range of coding and labelling equipment, on-pack informational and promotional devices, merchandising solutions, development and manufacturing of automated systems for the packaging and manufacturing industry and making finance options available to customers. Pyrotec's software offering ensures product integrity, optimises coding activities, and helps secure centralised data management systems and label tracking systems.

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