

# SmartDate® 3

thermal transfer coders ■ ■ ■



## Our technology ■ ■ ■

Markem-Imaje has pioneered the thermal transfer technology with the market leading SmartDate® Series of printers. Innovative ribbon management and industrial design concepts ensure the ultimate in performance in any production environment.

SmartDate® 3 thermal transfer coders print clean, crisp codes and variable information including graphics, barcodes and real-time data on flexible packaging films, foils and labels while keeping running costs to a minimum.

## Your benefits ■ ■ ■

**Productivity** – Provides consistent high quality date codes, barcodes and logos. Prints fixed data or automatically updates and prints codes via a link to a real-time clock, virtually eliminating coding changes and coding errors.

**Performance** – Simple robust operation, easy installation and high reliability ensure efficient operation. Suitable for baggers, labelers and flow wrappers in either intermittent or continuous packaging applications.

**Efficiency** – 900 m long ribbons and a number of ribbon saving techniques are available to save you money on every print.

**Flexibility** - For the more demanding applications, Markem-Imaje has built on the features of the SmartDate® 3 with its latest generation market leading SmartDate® 5 family of printers offers improved ribbon management, uptime and flexibility.



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the team to trust ■ ■ ■

## Print features ■ ■ ■

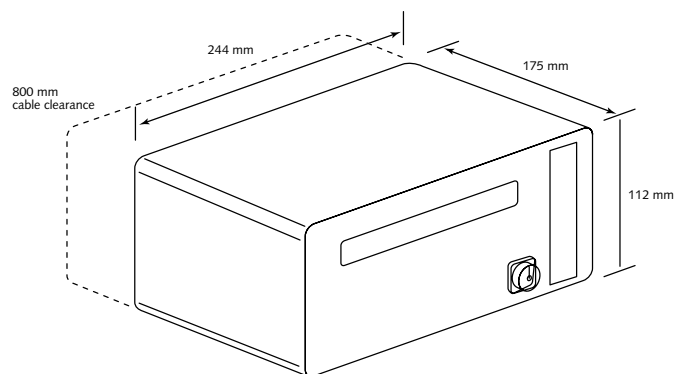
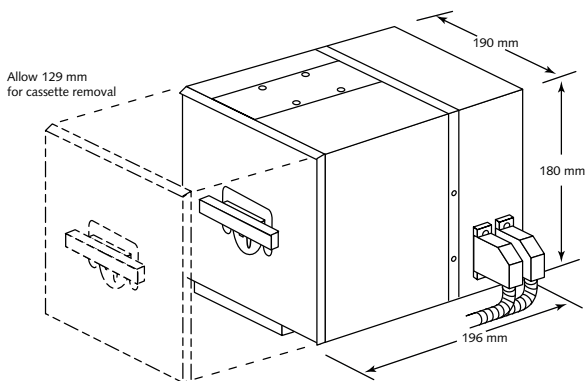
- Print speed:
  - SD3i: Variable, up to 1 m/sec
  - SD3c: Variable, up to 1.5 m/sec, 90 m/min
- Print area:
  - SD3i: 53 mm x 74 mm
  - SD3c: 53 mm x 100 mm
- Print features:
  - Message creation via CoLOS® Suite
  - Printhead resolution 300 dpi (12 dots/mm)
  - Standard ribbon save modes
- Print specifications: More than 1,000 font styles available including non-Roman characters, resident, downloadable and scalable. TrueType fonts available as bitmap data
- Barcodes: Interleaved 2 of 5, Code 39, Code128, EAN 8, EAN 13, UPC A, UPC E

## Operations ■ ■ ■

- 80 character backlit LCD display
- Full diagnostics and intuitive menu-driven software
- RS232/422/485 serial interface (2,400 to 57,600 baud)
- Network up to 62 units using optional CoLOS® software
- Ethernet (optional)
- Software:
  - CoLOS® Create image design software included
  - CoLOS® Create Pro (optional)
  - CoLOS® Enterprise for networking (optional)

## Other characteristics ■ ■ ■

- Supplies: Thermal transfer ribbon available in a variety of grades and colors
- Maximum ribbon length: 900 m
- Ribbon width: 20-55 mm
- Sensors: Film and label sensors, proximity switch or pigtail cable optional
- Weight:
  - Printer: 7.5 kg
  - Control box: 6.2 kg
- Electrical: 115/230 V, 50 – 60 Hz
- Air supply: 6 bar/90 psi (maximum) dry, uncontaminated
- Air consumption: 0.8 ml/cycle (typical)
- Operating environment of 0 to 40 °C (32 to 104 °F); relative humidity 0 – 90% (non-condensing)
- Noise level not to exceed 72.6 dB(A)



To learn more, visit [www.markem-imaje.com](http://www.markem-imaje.com)



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

**nefton**  
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