Enhanced SmartDate experience

- Optimized tracking of OEE data
  Coder can be configured to monitor your 5 most important production metrics directly from your home screen e.g., pack rate, throughput, availability.

- Tutorials to facilitate daily activities
  Animated help and ‘how to’ tutorials provide guidance on setup and daily maintenance procedures to ensure consistent print quality.

- Profile configurator for error-free operation
  Configurable profile password function (operator, supervisor and engineer) manages access and limits human-related errors.

High-performance printing

- Supports your marketing campaigns
  Promotional coding function* allows for unique coding on each pack.

- Eliminates faulty codes and protects your brand
  In addition to its dead-dot detection system, the easy-to-install SmartDate Detect-Plus system* checks and confirms the presence, position and quality of the code on every pack and directly on the user 10.1” interface.

- Achieves superior printing speeds
  Print speed can be set from 10 mm to 1800 mm per second allowing for 455 printed packs per minute at 300 dpi.

Unmatched and cost-effective reliability

- Zero preventive maintenance
  Robust direct ribbon drive and cassette design contain no wear parts.

- All-in-one printer for enhanced flexibility
  Both intermittent and continuous configurations with a 53 mm printhead are available on the same coder.

- Up to 15%** more codes per roll
  Large choice of ribbon rolls based on your packaging type and needs.

*Optional  **Compared to other competitive models.
Print features

- **Print speed:**
  - Intermittent: up to 700 mm/s
  - Continuous: 10 to 1200 mm/s (combined)
  - Continuous: 10 to 1800 mm/s (shuttled)
- **Print area:**
  - Intermittent: 53 mm x 75 mm
  - Continuous: 53 mm x 750 mm (combined/application dependent)
  - Continuous: 53 mm x 100 mm (shuttled)
- **Print features:**
  - Automatic printhead setup
  - Detect: Dead-dot detection
  - Quick change print head
  - Intermittent and continuous printer
  - Easily change from left to right hand with no additional parts
  - Gap between prints: 0.5 mm
  - Automatic shift codes and serial numbers
  - Multiple variable user input fields with alphanumeric texts
  - High-pack-rate mode
- **Print speed:**
  - Continuous: 10 to 1800 mm/s (shuttled)
  - Continuous: 10 to 1200 mm/s (combined)
  - Continuous: 10 to 1100 m
  - Minimum ribbon width: 20 mm
  - Maximum ribbon width: 55 mm
  - Weight: Printer: 7.8 kg, Color controller: 4.5 kg
  - Electrical power supply: 90 – 264 V with automatic switching; frequency 47/63 Hz; power 150 VA
  - Air supply: 6 bar/90 psi (maximum) dry, uncontaminated
  - Air consumption: down to 0.4 ml/print at 2.5 bar
  - Operating temperature range: 0 to 40°C
  - Humidity: 10% to 90% non-condensing

Optional accessories

- Detect-Plus: code detection
- Promotional coding
- IP protection option suitable for pressured water cleaning
- WEB Browser and VNC support
- Mounting bracket
- Encoders
- IP protection kit for installed SmartDate X65

Software

- Included, CoLOS® Free 6.0 for design of simple messages

Operations

- **User interface:** 10.1" full colour 1024 x 600 touch screen for message selection, variable data entry, diagnostics and system setup
- **MI Sigma Functionality**
- **Advanced health and availability monitoring**
- **Configurable user home screen**
- **Animated help tutorials: ribbon fitting, printhead cleaning, printhead replacing**
- **Simple print adjust and image adjust**
- **Master/slave function to allow master control for up to 7 slaves**
- **Configurable password protection capability**
- **WYSIWYG print preview of printed message, real-time display of remaining print capacity expressed in hours and number of prints**
- **Full diagnostics (pack rate, speed)**
- **Robust LED status indicators on the printer**
- **Webbing diagram for fast ribbon changes**
- **Hardware interface: Inputs:** "print go" and 1 configurable input
- **Outputs:** fault, warning, and 2 configurable outputs
- **Software interface:** USB for downloading images, settings and data files. RS232, Ethernet communications standard. Communications protocols for PCs, PLC and packaging machines, including full remote control web server.

Other characteristics

- **Supplies:** thermal transfer ribbon available in a variety of grades and colors
- **Maximum ribbon length:** up to 1100 m
- **Minimum ribbon width:** 20 mm
- **Maximum ribbon width:** 55 mm
- **Weights:** Printer: 7.8 kg, Color controller: 4.5 kg
- **Electrical power supply:** 90 – 264 V with automatic switching; frequency 47/63 Hz; power 150 VA
- **Air supply:** 6 bar/90 psi (maximum) dry, uncontaminated
- **Air consumption:** down to 0.4 ml/print at 2.5 bar
- **Operating temperature range:** 0 to 40°C
- **Humidity:** 10% to 90% non-condensing

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

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Markem-Imaje
Global Sales & Marketing Division
9, rue Gaspard Monge
B.P. 110
26501 Bourg-les-Valence Cedex France
Tél. : +33 (0) 4 75 75 55 00
Fax : +33 (0) 4 75 82 98 10

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