High performance printing

- Print speeds of up to 1,000 m per minute to match the extrusion speed of your application.
- Built-in counter and metering function with 2/1000 tolerance.
- High print quality for logos due to font heights of up to 32 dots.
- Large variety of characters, including chimney and DIN modes.
- Good adherence on various substrates (PVC, PE, PP, PA, PUR, Teflon, Silicone, ...).
- Adapted range of pigmented inks with no migration.

Unmatched reliability

- Excellent availability ratio of up to 99.9%*.
- IP56 stainless steel cabinet as standard.
- 18-month warranty for hardware*.
- Up to 5-year warranty available.

Operation optimization

- Automatic nozzle cleaning system ensures trouble-free startup.
- Intuitive message management with integrated assistance for metering, tolerance control, interleaving of messages, and on-the-fly production changes.
- 7-inch wide color touch screen: real-time display of remaining print capacity and tracking of consumption, printer availability.
- Fast, safe consumable changeover, with no spillage and no need to stop printing.
- Table-top or vertical mounting for easy installation.

Cost reduction

- Enhanced ink cartridge life to print up to 90 million characters per liter as standard.
- Additive consumption can be reduced by up to 4.2 ml/h at 20°C*.
- Time between maintenance operations is extended to 18 months*.
- No plant air required.

Eco-initiatives

- Over 80% recyclable materials.
- Electric power is limited to 60 VA, reducing power consumption.
Print features

- Mono-jet printhead
- G head (printing resolution: 71 dpi) or M head (printing resolution: 115 dpi)
- Up to 5 lines of print
- Print speed: up to 1,000 m/minute
- Font height from 5 to 32 dots
- Character height: from 1.2 to 11.4 mm
- Wide choice of 1D and 2D barcodes (EAN8/EAN13/UPCA/UPCE barcodes, code 39, interleaved 2 of 5, Datamatrix)
- Wide choice of characters (Latin, Japanese, Chinese, Korean, etc.)

Operations

- Message library (up to 1000 messages)
- International operator/machine interface with a wide choice of languages
- WYSIWYG 7-inch wide touch screen: real-time display of remaining print capacity expressed in hours and number of messages; integrated assistance and alert system; simplified message printing and management; creation of user profiles; and tracking of consumption and printer availability
- Additional functionalities of the user interface: metering, interleaving of 2 messages, production changes on the fly, quick access to counter setting, optimization of tolerance control, management of chimney characters and DIN mode.
- USB and SD ports
- Jet Speed Control guarantees marking quality
- Automatic selection of fonts, depending on print speed and printhead/object distance
- Specific ink circuit to run all types of inks
- Broad range of inks: multi-use, high-performance or high-contrast inks; ketone-free and MEK-free inks available
- Sealed 0.8-liter cartridges with foolproofing system
- Quick connect/disconnect of accessories (photocell, alarm and encoder)
- Parent/child connectivity
- Ethernet connectivity

Other characteristics

- Weight: 25 kg
- Table-top or vertical mounting
- Ultra-flexible 3-meter umbilical cable
- Stainless steel cabinet and printhead case
- Dust/humidity protection rating: IP56 not requiring plant air
- Operating temperature range: 0 to 40°C depending on ink used
- Humidity: 10 to 90% non-condensing
- Electrical power supply: 100-120 V or 200-240 V with automatic switching; frequency 50/60 Hz; power 60 VA

Options

- Printhead pressurization kit
- RS-232/422 connectivity, parallel interface, many I/O possibilities to enable remote operation

Accessories

- Printer supports: stands (stainless steel or aluminum), table or wall mounting bracket
- Printhead stand (stainless steel)
- Different printhead brackets
- Photocells
- Encoders
- Alarm beacons (24 V)

PC software

- Compatible with CoLOS Create Professional and CoLOS Enterprise
- Logo creation with CoLOS Graphics

To learn more, scan the code with your smartphone or visit www.markem-imaje.com

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

9, rue Gaspard Monge
B.P. 110
26501 Bourg-lès-Valence Cedex - France
Tel.: +33 (0) 4 75 75 55 00
Fax: +33 (0) 4 75 82 98 10

150 Congress Street
Keene, NH 03431
United States of America
Tel.: +1 800-258-5356
Fax: +1 603-357-1835