

Product Catalog

Marking • Stenciling • Sealing • Coding

Smart-Jet
Non-Porous



Lasting Impressions | Proven Solutions

**Lasting Impressions.
Proven Solutions.**

Founded in 2000, MSSC brings advanced product coding systems to a network of worldwide distributors. These products and supplies increase the efficiency and precision of item identification for shipping. We offer a personal touch and are committed to all of our partners providing coding solutions and customer service that are unmatched in the industry.

MSSC

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Smart-Jet Ink Jet Printers

Advanced Coding Technology.

In 2014, MSSC announced the Smart Jet *Plus* with support for more characters per line and CE approval. In cooperation with HP® who had taken the leap into the industrial market with their ink cartridges, MSSC continues to innovate with the trusted HP45 TIJ2.5 thermal ink jet technology.

- Smart-Jet *Plus* TIJ Ink Jet Printer
- Smart-Jet TIJ Ink Jet Printer
- Smart-Jet Inks



SMART-JET PLUS TIJ INK JET PRINTER

The Compact Printer that has Cracked the Code.

MSSC Smart-Jet *Plus* Ink Jet Printers are the most compact and reliable thermal ink jet coders in the market. This legendary workhorse prints on both porous and non-porous surfaces and can print barcodes, QR codes and logos. A large auto-rotating display screen makes it incredibly easy – and highly productive – to operate.

Features:

- One to six lines of print
- Large color screen rotates with printer
- PC connectivity with Smart-Jet *Plus* software
- Prints on both porous and non-porous surfaces
- No moving parts and encoder capable
- High-resolution characters
- Plug and print with HP 2.5 cartridge technology
- Prints high-quality barcodes, QR codes and up to four logos
- Control up to 10 printers via Wi-Fi with smart phones and tablets using Android and iOS operating systems
- Anti-shock mounting mechanism adjusts to irregularities in box for consistently smooth and high-quality printing results
- Dynamic barcodes can create a unique number for each individual product
- Stand alone operation with wireless keyboard
- CE Certified

Specifications:

- **Dimensions:** (L x W x H): 4.17" x 2.09" x 3.27"
(106 mm x 53 mm x 83 mm)
- **Light Weight:** Approximately 1 lb.
(excluding cartridge)
- **Power Supply:** AC 100-240V, 50/60 Hz
with on/off switch
- **Throw Distance:** Up to 0.25" (6 mm)
- **Operating Temperature Range:**
between 41° F to 122° F (5° C to 50° C)



Pieces included in package



PC connection via USB



App works on Android or iOS devices



HP TIJ 2.5 technology



Porous and non-porous print

SMART-JET TIJ INK JET PRINTER

For Compact Printers, it is the Total Package.

MSSC Smart-Jet Ink Jet Printers are setting new standards of excellence by making consistently bold impressions in packaging applications. The Smart-Jet is widely recognized as the most reliable and compact ink jet printer for packaging printing on the market.

Features:

- Porous and non-porous surface printing
- SD card slot for future firmware upgrades
- One or two lines of print, up to 0.5" in height
- Smart recognition of inks
- No moving parts
- High-resolution characters
- Features HP 2.5 cartridge technology
- Prints high-quality barcodes and one logo
- Control up to 10 printers via Wi-Fi with smart phones and tablets using Android and iOS operating systems
- Anti-shock mounting mechanism adjusts to irregularities in box for consistently smooth and high-quality printing results
- Stand-alone operation with keyboard
- Complete kit with equipment you need to get started

Specifications:

- **Dimensions:** (LxWxH): 4.17" x 2.09" x 3.27"
106 mm x 53 mm x 83 mm)
- **Light Weight:** Approximately 1 lb.
(excluding cartridge)
- **Power Supply:** AC 100V-240V, 50/60 Hz
- **Throw Distance:** Up to 0.25" (6 mm)
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between 41° F to 122° F (5° C to 50° C)



Pieces included in package



App works on Android or iOS devices



HP TIJ 2.5 technology



Porous print



Non-porous print

SMART-JET INKS

Get Smart. Get Reliable. Get Printing.

MSSC Smart-Jet Inks are designed to produce reliable and consistent printing results in coding applications. For use in all Smart-Jet and Smart-Jet *Plus* thermal ink jet printers, these inks set the standard for quality and performance in the industry.

Features:

- Porous and non-porous options
- Suitable for various materials
- 3 color choices for non-porous printing
- Uses HP 2.5 cartridge technology



Solvent (Non-Porous)

Dye-based solvent inks for non-porous surfaces offer immediate startup, excellent sharpness and fast drying time on most non-porous surfaces.

Aqueous (Porous)

Aqueous inks for porous surfaces provide immediate startup, excellent sharpness and optical density.

Inks	Solvent (Non-Porous)			Aqueous (Porous)	
	● Red	● Blue	● Black	● Black	● Black (Bulk)
Color	● Red	● Blue	● Black	● Black	● Black (Bulk)
Part Number	80415	80410	82705	80300	80375
Amount	42 mL	42 mL	42 mL	42 mL	400 mL



Substrates

NC-Coated Aluminum Foil	Good	Excellent	Excellent	NR	NR
PCB (Printed Circuit Board)	Good	Excellent	Excellent	NR	NR
Stainless Steel	Good	Good	Good	NR	NR
BOPA	NR	Excellent	Excellent	NR	NR
PVC Tube	Good	Good	Good	NR	NR
PET Film	Good	Good	Good	NR	NR
Uncoated Paper	Excellent	Excellent	Excellent	Excellent	Excellent
Coated Paper	Excellent	Excellent	Excellent	Good	NR

NR = Not Recommended

Industrial DOD Printers

Reliable. Efficient. Fast.

In 1980, the first non-contact, drop-on-demand (DOD) ink jet printer was introduced to the industrial market. We bring a vast knowledge of ink jet printers and their operation to assist customers in making the right choice for their needs. MSSC proudly continues this range of products with the simple, out-of-the-box, DOD ink jet printers, the QM7500 and QM1610.

- **QM7500**
Industrial DOD
Ink Jet Printer
- **QM1610**
Industrial DOD
Ink Jet Printer



QM7500 INDUSTRIAL DOD INK JET PRINTER

Makes Coding Applications Simple.

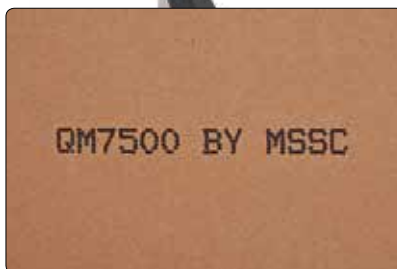
MSSC QM7500 Ink Jet Printers feature a compact single-line ink jet system that can be quickly installed, programmed and printing in minutes. With high ink mileage and low-maintenance requirements, this hard-working printer, designed specifically for porous surfaces, offers reliable high performance at an economical price.

Features:

- 7 x 5 dot matrix printing featuring 54 printable ASCII characters
- Shift organizer allows for automatic coding by up to four specific shifts
- Simple to adjust character width and consecutive incremental numbering
- Easily customizable times, dates, and codes
- Expiration date for automatic printing of up to two distinct dates of expiration
- Includes Julian date and rollover hour
- Selectable multi-lingual options include: English, Dutch, Finnish, French, German, Italian, Portuguese, Spanish, Swedish, Hebrew, Cyrillic, Greek (special application units include Arabic and Chinese)
- Internally regulated ink system requires no adjustment
- CE / cTUVus / GS Certified

Specifications:

- **Standard Print Height:** 0.375" (10 mm)
- **Optional heights:** 0.6" and 0.75" (15mm and 20 mm)
- **Conveyor Line Speed:** 20 ft/min (6.1 m/min) to 200 ft/min (61.0 m/min)
- **Operating Temperature Range:** 40° F to 120° F (4° C to 49° C)
- **System Uses Universal Switching Power Supply:** 100-240V at 50/60 Hz



Porous print



Pieces included in package

QM1610 INDUSTRIAL DOD INK JET PRINTER

The Versatile Answer for Coding.

MSSC QM1610 Ink jet Printers make printing product names, identification numbers, automatic production counts and up-to-the-minute coding fast and easy with just the touch of a button. This versatile performer can print one or two lines of text and is simple to program.

Features:

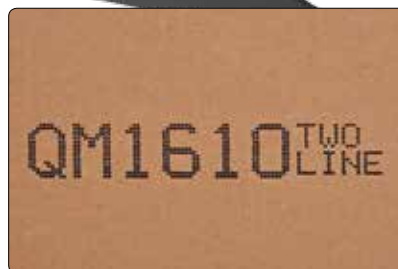
- Prints one or two lines of text using a variety of selectable languages and printable characters
- Menu-driven programs include electronically accurate automatic date change, clock functions, and consecutive counts
- Marks cartons and provides production information vital for inventory and quality control
- Easy-to-use icon keys allow you to adjust and edit product codes with a few simple keystrokes
- Delivers an all-in-one, low cost solution from high ink mileage to low-maintenance requirements
- Hard-working design provides outstanding reliability and unsurpassed performance
- Can be assembled and installed in minutes; simply plug it in and you are ready to print
- Mounted directly to a conveyor, it includes: controller/keypad, printhead, power supply, power cord, mounting brackets and a pressurized ink bottle
- CE / cTUVus / GS Certified

Specifications:

- **Standard Print Height:** 1" (25 mm)
- **Optional Heights:** 0.75" (20 mm), 1.25" (32 mm), 1.9" (48 mm)
- **Conveyor Line Speed:** 20 ft/min (6.1 m/min) to 200 ft/min (61.0 m/min)
- **Operating Temperature Range:** 40° F to 120° F (4° C to 49° C)
- **System Uses Universal Switching Power Supply:** 100-240V at 50/60 Hz



Pieces included in package



Porous print