ABM Marking Services LTD

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Printer Products

Conveyor Line TIJ Printers

Smart Jet Ink Jet Printer - High Resolution Printer

Most Compact Printer Ever.™

Our new **Smart-Jet** is the most reliable and the most compact inkjet printer for packaging printing on the market today. It's got it all - the total package!

- Compatible with HP inkjet technology.
- Built for future expansion via SD card.
- The most compact size in the industry.

- Plug and print Hewlett Packard TIJ 2.5 inkjet technology compatibility.
- 300 dpi @ 75 m/min, 150 dpi @ 150 m/min and 100 dpi @ 230 m/minute!
- Wi-Fi connection via Android and iOS, smartphones and tablets.
- SD card slot for future firmware and font upgrades.
- Built-in photo sensor and Aux port for optional external photo sensor.
- Anti-shock mounting for printer protection.

Smart Jet BLUE Ink Jet Printer

Embrace the Convenience of Blue.

Our new **Smart-Jet Blue** can be controlled wirelessly, with no router needed, via Bluetooth technology and easily print on almost any porous or non-porous surface you aim at it!

- **The most compact size** *in the industry.*
- **Control printer via Bluetooth with Android smart phones and tablets.**
- **Anti-shock mounting for smooth and high-quality printing even with box irregularities.**
- Stand alone operation with wireless keyboard.
- Plug and print Hewlett Packard TIJ 2.5 inkjet technology
- 300 dpi @ 76 m/min with throw distance up to 0.25 in (6 mm)!
- Bluetooth connection via Android smartphones and tablets.
- USB 2.0 connection to print database information.
- Built-in photo sensor and Aux I/O port for external sensor, encoder, and/or alarm kit.

Smart Jet Plus Ink Jet Printer
Fastest Compact Printer Ever!

Our new **Smart-Jet Plus** is the most compact, reliable, and robust inkjet coder for packaging printing on the market!

- Large, auto-rotating color display*!*
- CE Approved
- Encoder capability ***built-in.***
- The most compact size in the industry
- Trusted Hewlett Packard HP45 TIJ 2.5 inkjet technology
- Faster speed, better resolution — 300 dpi @ 150m/min!
- More characters per line — print up to 150 characters per line.
- Wi-Fi connection via Android and iOS, smartphones and tablets.
- USB connection for future firmware and font upgrades.
- Built-in photo sensor and Aux port for optional external photo sensor.
- Anti-shock mounting for printer protection.

DailyJet HP1000 Hand Coder

- Print Anywhere, Everywhere

The MSSC DailyJet HP1000 Hand Coder offers a breakthrough design for true mobile use. Featuring a slim profile, the DailyJet can easily be transported, and its ultra-lightweight construction means there's less fatigue by the end user on the job site.

- Features HP 2.5 cartridge technology.
- Ultra-portable and lightweight (1.3 lbs/600 gm)
- Capable of printing anywhere and at any angle.
- Slim profile for ease-of-use.
- Prints high-resolution characters, high-quality logos, and QR codes.

Drop On Demand Printers

QM7500 Industrial DOD Ink Jet Printer *- Reliable, Proven Technology.™*

Make Coding Applications Simple.

- The QM7500 printer is a "Mark in the Box" solution. You get everything you need to begin printing in just a few minutes.
- Single Line ink jet system.
- Easy to install and setup.
- Icon-driven software.
- Intuitive Keys for ease of use.
- Automatic date codes, expiration dating, and roll over hour.

- 12 Languages available.
- **Standard Print Height: 0.375" (10 mm)**
- Optional height: 0.6" and 0.75" (15 cm and 20 mm)
- Conveyor Line Speed: 20 ft/min (6.1 m/min) to 200 ft/min (61.0 m/min)
- System uses Universal Switching Power supply: 100-240 V at 50/60 Hz.

QM1610 Industrial DOD Printer

The QM1610 is a compact ink jet printer that provides high quality, reliable, and economical printing of one or two lines of text. Whatever your needs, the QM1610 can be programmed quickly and easily. Product names, identification numbers, automatic production counts and accurate-to-the-minute time code capabilities are available at the touch of a button.

- One or two line ink jet system.
- Easy to install and setup.
- Icon keys and menu driven software.
- Up to 15 Languages supported.
- Automatic date codes, expiration dating, rollover hour.
- **Standard Print Height: 1" (25 mm)**
- Optional height: 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)
- System uses Universal Switching Power supply: 100-240 V at 50/60 Hz.

ajet 101 Ink Jet Printer

The ajet 101 is a D.O.D. ink jet printer which will print one line of 7x5 or 5x5 matrix characters. 255 text messages can be prerecorded; dates, time, Julian dates, work shifts, and consecutive numbering can all be imbedded into the text messages. The print can be reversed and/or printed upside down allowing complete freedom of placement of the heads on the conveyor line in any position.

Printer specifications:
- Electrical Requirements: 110-120 VAC, 60 Hz;
- Communications: Serial RS-232;
- Product Sensing: Built in;
- Can be externally triggered;
- Print Speed: Standard System - up to approx. 80 FPM. High Speed System - up to approx. 200 FPM;
- Print Direction: Right-to-Left or Left-to-Right. Upright or Inverted;
- Print Type: 5x5 or 7x5 Matrix. Standard or Bold (Double Dot);
- Time Coding: Built-In Real Time Clock, Shift Designator;
- Expiry Date: Built-in, Programmable;
- Counters: Incrementing or Decrementing, Separate Lot Counter;
- Printable Characters: 64 Character ASCII Set;
- **Character Heights: 15mm, 20mm or 28mm. 20mm Standard**;
- Compatible Inks: Standard Water Based for Porous Surfaces Alcohol Based for Non-Porous Surfaces MEK Based for Quick Dry Time Ink Consumption: Under controlled conditions: 1,800,000 char./gal. This may vary upon operating conditions - temperature, humidity, air pressure and dot size, etc.

ABM Marking can provide everything you need to start printing from Printer, Ink Pump, all Tubing an Fitting, Mounting Bracketry.

ajet 101
INKJET PRINTER

SIMPLE
   Easy to install.
   Easy to Operate and
      Maintain
RELIABLE
   Industry Proven
   Components.
   Long Valve and Pump
   Life
ECONOMICAL
   Low Cost to Purchase.
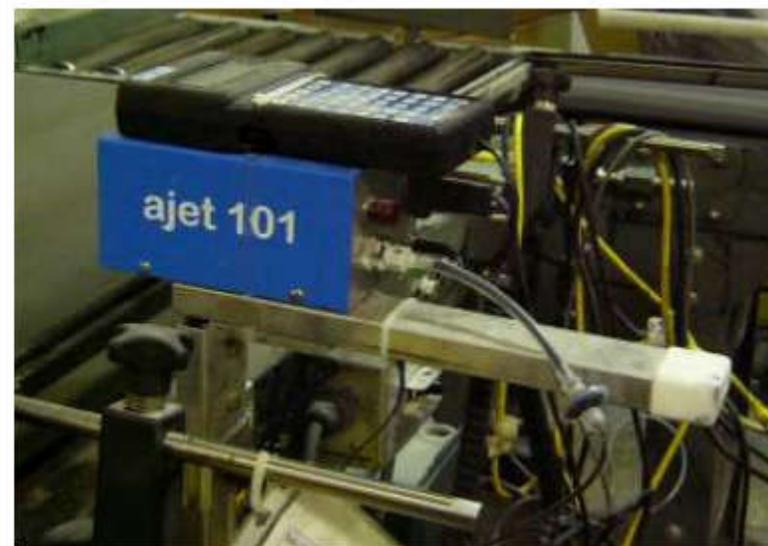   Low Cost to Operate.

PRINTING SURFACES
   Porous
   Non-Porous
INK TYPES
   Water Based
   Alcohol Based
   MEK Based
INK SUPPLY
   One Liter
   One Gallon
   Five Gallon

AIR SUPPLY Digital display

o Factory set

o field adjustable

o Intermittent operation - it runs only when needed

o Longer pump life.

Inks and Fluids:

ABM provides a variety of inks for the ajet 101 as well as other popular inkjet printers. Standard Water Based Inks - available in standard black, high contrast or midnight black, as well as red, blue and green. Non-toxic and high sunlight resistence. ® Safemark Jet Ink - water based, nonhazardous. Ingredients certified for Food, Drug and Cosmetics. Non-Porous Inks - alcohol based inks to mark on most nonabsorbent surfaces. Medium dry time. MEK (Methyl Ethyl Keytone) Based Inks - very fast dry time on virtually any surface. Recommended for metals, ceramics, plastics. Other Fluids - cleaning solvents, make-up fluids and nozzle wash fluids for all popular printers. Packed in containers from 8oz. to 15 gallon.

Part Number	Description	Price
55900	QM2 INK CARTRIDGE, 42ml BLACK, STANDARD	
55900-NS	QM2 INK CARTRIDGE, 42ml BLACK, STANDARD-NON SECURE	
55901	QM2 INK CARTRIDGE, 42ml RED, WB, FOOD GRADE	
55950	QM2 BULK INK SUPPLY W/ CARTRIDGE, 370ml BLACK	
55950-NS	QM2 BULK INK SUPPLY W/ CART. 370ml BLK, NO SEC	
80000	PRINTER, SMART-JET W/BRKTRY	
80000-BLUE	PRINTER, SMART-JET BLUE W/BRKTRY	
80000-PLUS	PRINTER, SMART-JET PLUS W/BRKTRY	
90000	DAILY JET HAND CODER	
RPRLVL-QUOTE-SMARTJET	REPAIRS, QUOTED SMARTJET PRINTERS	
80300	SMART-JET INK CARTRIDGE, 42ml BLACK, WB	
80375	SMART-JET BULK INK SYSTEM, BLK WATER BASED. 400mL	**Please send email to abm@abmmarking.com for price.**
80410	SMART-JET INK CARTRIDGE, 42ml BLUE, SOL STD	
80415	SMART-JET INK CARTRIDGE, 42ml RED, SOL STD	
82550	SMART-JET UV INK CARTRIDGE, 40mL RED, SOL UV	
82706	SMART-JET INK SI CARTRIDGE, 40mL BLACK, SOL. ENHANCED INK DELIVERY	
90900	DAILY JET INK CARTRIDGE, POROUS. 42ml, BLACK	
90910	DAILY JET INK CARTRIDGE, NON-POROUS, 42ml, BLUE	
90915	DAILY JET INK CARTRIDGE, NON-POROUS, 42ml, RED	
90925	DAILY JET INK CARTRIDGE, NON-POROUS, 42ml, BLACK	
90930	DAILY JET INK CARTRIDGE, NON-POROUS. 42ml, WHITE	
80600	PHOTOCELL, 2 METER, SMART-JET FOR TRANSPARENT OBJECTS	
80605	PHOTOCELL, 5 METER, SMART-JET W/QUICK DISCONNECT	

80610	PHOTOCELL, SMART-JET DIGITAL W/ 10 METER CABLE
80805	SMART-JET PRINT DOWN BRACKET KIT
80810	SMART-JET POWER SUPPLY WITH US CORD END
80815	SMART-JET SKID PLATE
80820	SMART-JET LATCH AND PIN
80825	SMART-JET CONVEYOR MOUNT BRACKETRY KIT COMPLETE
80830	SMART-JET (STD ONLY) SPRING LOADED MOUNTING ASSY.
80835	SMART-JET FRONT COVER AND HARDWARE
80841	SMART-JET V1.9 CONTROLLER BOARD AND DISPLAY.
80846	SMART-JET V1.9 PEN DRIVER BOARD AND PHOTOCELL.
80850	SMART-JET KEYBOARD WITH USB CORD END (STD ONLY)
80855	SMART-JET SPRINGS, SLIDE MECHANISM (2 per pk)
80860	SMART-JET SD CARD
80863	SMART-JET PLUS, LATCH AND PIN
80865	SMART-JET PLUS ENCODER
80868	SMART-JET PLUS, FRONT COVER PLATE
80870	PHOTOCELL, SMART-JET PLUS
80873	SMART-JET PLUS, POWER SUPPLY, AND US CORD END
80875	ENCODER, EXT PHOTOCELL WIRED TOGETHER PL
80878	SMART-JET PLUS (ONLY) WIRELESS KEYBOARD
80880	ALARM BEACON, SMART-JET
80881	ALARM BEACON, SMART-JET PLUS ONLY
80882	ENCODER, ALARM BEACON WIRED TOGETHER, SMART-JET PLUS
80883	V1.3 MAIN BOARD, SMART-JET PLUS

80884	V1.9 MAIN BOARD, SMART JET-PLUS	
80885	SMART-JET BASE MOUNTING CLAMP- SMART-JET & PLUS	
80888	V1.3 DISPLAY BOARD, SMART-JET PLUS	
80889	V1.9 DISPLAY BOARD, SMART JET-PLUS	
80893	V1.3 PEN DRIVER BOARD, SMART-JET PLUS	
80894	V1.9 PEN DRIVER BOARD, SMART JET-PLUS	
80896	V1.9 PEN DRIVER BOARD, SMART JET-PLUS 2-WAY NEW HOUSING	
80955	SMART-JET BULK INK RESTRAINT & BRACKETRY	
80980	SMART-JET BULK INK BRACKET FOR 80375	
RP80608	SMART-JET, SKID PLATE WITH PHOTOCELL OPENING	

We offer a full range of quality equipment, inks, parts, and maintenance for all industrial printing applications. Please feel free to contact us if you have any questions.

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