

abm marking ltd



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

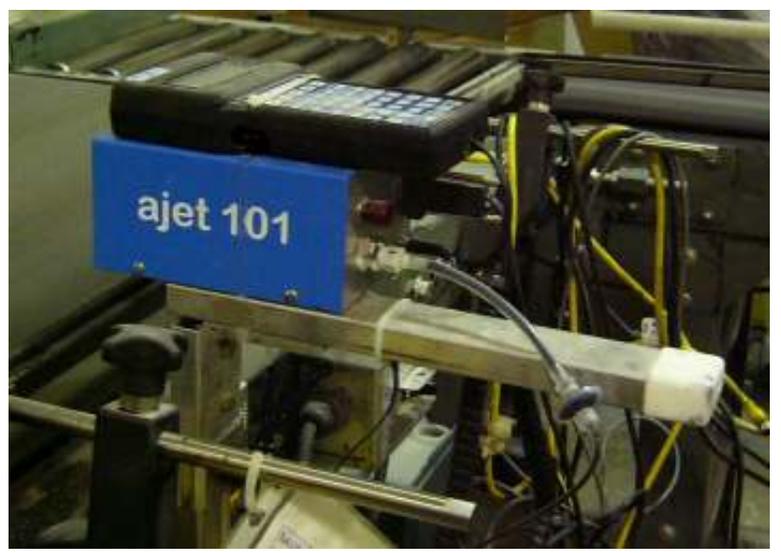
*Porous
Non-Porous*

INK TYPES

*Water Based
Alcohol Based
MEK Based*

INK SUPPLY

*One Liter
One Gallon
Five Gallon*



ABM also supplies high quality inks for all popular inkjet printers including Marsh®, Videojet®, Little David®, Foxjet®, Diagraph®, Willett®, ITI®, Matthews®, Weber®, and Fas-co®.

Inks are available in formulations for standard valve-jet drop-on-demand, Hi-resolution peizo-electric and continuous jet inkjet printers. Custom formulations available.

Visit our website at:
abmmarking.com

ajet 101 INKJET PRINTER

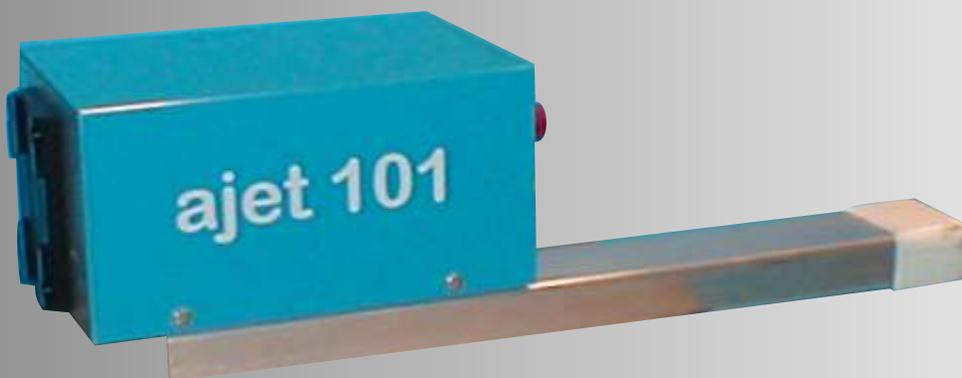


EVERYTHING YOU NEED TO START PRINTING

- Printer and Controller in Single Frame
- Adjustable, Intermittent Ink Pump
- Economical Bag-In-Box Ink Supply
- All Tubing and Fittings
- Mounting Bracketry
- Optional Hand-Held Terminal

PRINthead/CONTROLLER

- All electronics on a single board computer in printhead frame. Easy to mount and maintain.
- External purge button to make cleaning fast and easy.
- Standard printhead prints 5x5 or 7x5 matrix characters.



AIR SUPPLY

- Digital display.
- Factory set, field adjustable.
- Intermittent operation - it runs only when needed.
- Longer pump life.



KEYBOARD TERMINAL

- Four Line Display
- Standard RS-232
- Supports all printer functions
- Removable for security



LARGE INK SUPPLY

- Standard one gallon
- Five gallon available
- Available in Standard or High Contrast
- Colors -Black, Red, Green, Blue or UV Readable



ajet 101

INKJET PRINTER

PRINTER FEATURES

Printer Firmware

Real Time Clock
Shift Indicator
Incrementing or
Decrementing Counter
Standard or Bold Print
(Double-Dot)
7 x 5 or 5 x 5 Character
Matrix

Printer Hardware

External Purge Button
Quick Disconnect Fittings
Serial Connector (RS-232)
Internal 5 Micron Filter
Board Mounted Solenoid
Valves

Message Storage

255 Messages
60 Characters/Message
Non-Volatile EEPROM

Air System

External Air Pump
Adjustable Pressure
Intermittent Operation
Large LED Display

Contact Information:

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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.

INKS AND FLUIDS

abm Marking 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 resistance.

Safemark[®] Jet Ink - water based, non-hazardous. 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.

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