PRECISELY CONTROLLED INK FLOW; PERFECTLY FORMED INK DROPS; DOT MATRIX PRINT UP TO 2" TALL

INTEGRATED VALVE

KEY FEATURES

- **Integrated Valve printheads** – 100% sealed printhead and designed for hash industrial environments.

- **Powerful solenoids** deliver perfectly-formed ink drops for crisp, clear print quality.

- **Stainless steel controller** seamlessly integrates printheads, ink systems, sensors and networking functions for expanded capability.

- **Color touch screen** – full-color 10.4" graphical user interface guides users easily through menu functions.

- **Printhead options** – IV9 –dot (1/2" or 7/8") and IV18-dot (1" or 2").

- **System drives** any combination of printheads totaling up to 144 dots.

- **Prints on practically any porous or non-porous substrate or material** such as corrugate, plastic, wood, drywall, PVC, etc.

- **Prints alphanumerics** – perfect for date codes, lot/batch codes, product identification.

- **Channel purge at printhead** for easy cleaning.

Specifications

	Integrated Valve
Controller	IJ3000XLS & IJ3000ES
Touch Screen Display	10.4" Color (XLS) & 7" Color (ES)
Operator Interface	Graphical User Interface, WYSIWYG Editor
QWERTY Keypad	Sealed Elastomeric
Enclosure	Stainless Steel, Environmentally Sealed
Memory	128 MB for unlimited message storage
Connectivity	1 - Ethernet, 2 - USB, 2 - RS232
IO Interface	IO Board Option for XLS
Auto Codes	Time, Date, Use By, Julian, Count, User Defined, Shifts, Variable Input
Bar Codes	No
Logos	Bitmap Images
Fonts	5, 7, 9, & 18 dot fonts

PC Interface	
Windows PC GUI Software	Graphical User Interface, WYSIWYG Editor
Networking Software w/Database	Yes
Direct Interface	Protocol Provided

Printheads	
Technology	Drop on Demand (Diagraph Valve Jet)
Print Height	1/2", 7/8", 1" & 2" Print Heads
Print Resolution	18 x 25 dpi
Standard Print Speeds	Up to 200 fpm
Print Speeds w/reduced resolution	Up to 650 fpm
Print Options	Side, Top Down, Bottom Up
Print Distance	Up to 1/2"

Ink Systems	
Ink Delivery	Large Bulk Supply
Ink Supplies	5 & 30 Gallon
Ink types	Porous & Non-Porous inks Water Based & Solvent Based, including Non-VOC solvent inks

System	
Regulatory Listings	TUV (CE/CSA/UL)
Operating Environment	40°F to 104°F (10°C to 40°C)