

InfoSight Corporation

"We Barcode Difficult Stuff"™

HOT SPRAY I-DENT®

Non-Contact, MARK Series Spray Marking System

The HOT SPRAY I-DENT® Spray Marking System from INFOSIGHT CORPORATION offers a practical and cost effective alternative to manually stenciling products in an industrial environment.

The HOT SPRAY I-DENT® Marking System utilizes a non-contact multi-nozzle Printhead which is capable of producing a full range of upper case alphanumeric characters 19.05mm to 152.4mm (3/4" to 6") high. System configurations are available to produce OCR (optical character recognition) characters and INFO-SIGHT NUMBRA® bar codes, allowing products to be marked for machine readable automatic identification.

HOT SPRAY I-DENT® Spray Marking Printheads are available in 7 and 9 nozzle versions. These can be combined to form a 16-nozzle array which will allow for a wide variety of dot-matrix fonts. Packaged in NEMA rated enclosures, the HOT SPRAY I-DENT® System is designed for easy maintenance and high reliability in the most severe industrial environments.



HOT SPRAY I-DENT® MARKING ON 1800°F HOT STEEL



HOT SPRAY I-DENT® MARKING COILS

Features

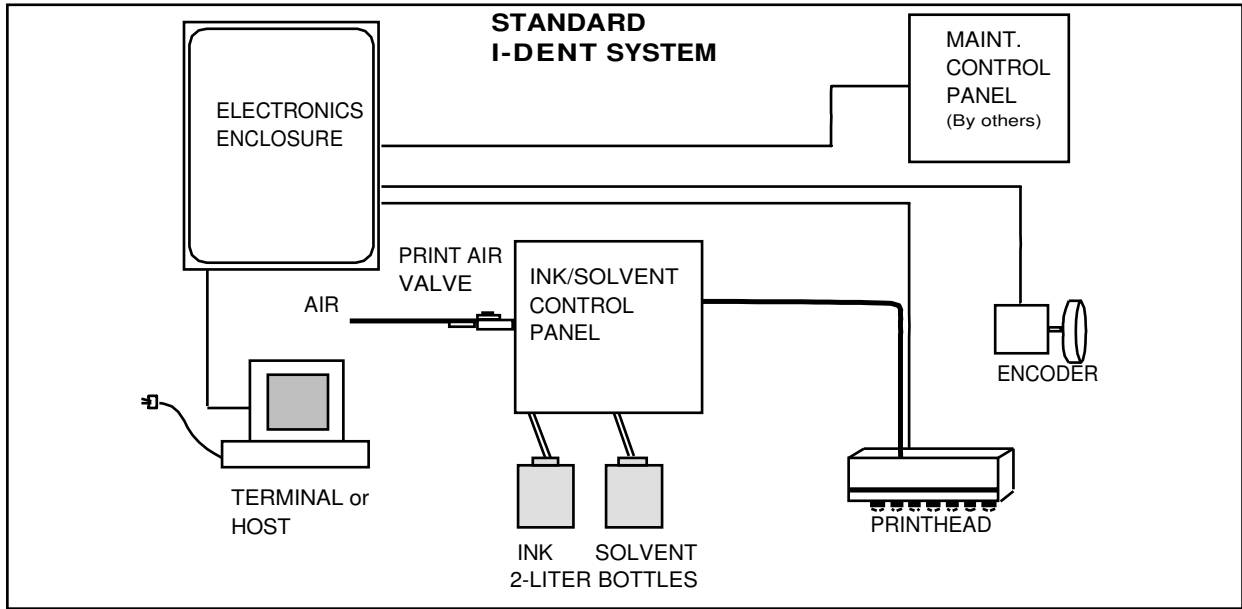
- Non-Contact Printing with Pigmented Inks
- Local Terminal or Host Computer Interface
- 7, 9 and 16-Nozzle Arrays
- Full Upper Case ASCII Character Set
- Line Speeds of up to 400 FPM
- NEMA Rated Enclosures
- Electronic Dot Size Control
- Modular Design
- Software Configured Character Sets

System Option's

- Multiple Printhead Capability
- Pre-programmed Library of Messages
- Industrial Rated CRT Terminal
- Special fixturing/mounting of Printhead
- Custom Designed Product Handling Equipment
- Printing on Surfaces up to 1800 °F (1000°C)
- Special Font Designs
- Custom Designed Data Functions
- Air Conditioning for Electronics Enclosure

INFOSIGHT TECHNOLOGY...

I-DENT® Non-Contact Industrial Marking System



Operator's Terminal

The operator's terminal is one method for entering messages to be printed by the HOT SPRAY I-DENT® Spray Marking System. This terminal also displays system status information and is used to set system parameters.

Ink System

The ink system consists of two 2-liter bottles, a customer mounted ink/solvent control panel, and a MARK Printhead. The ink/solvent control panel contains manually operated valves for mode selection, regulators and gauges. The maintenance control panel is provided for cleanup and maintenance functions.

Inks

A wide variety of inks are available to meet most marking applications. Specific inks and solvents have been developed for use with the INFO-SIGHT HOT SPRAY I-DENT® Spray Marking System. These products handle normal, oily and high temperature marking applications.

Inks and solvents not approved by INFOSIGHT may not be compatible with the HOT SPRAY I-DENT® Spray Marking System and thus are not recommended.

Printhead

The Printhead is mounted directly over the product to be marked. The angle of the Printhead relative to the product movement determines the character height. The dot size is controlled electronically to accommodate changes in viscosity or character size.

Specifications

Power Requirements.....	117VAC, 60 Hz
Power Consumption.....	500 Watts
Air.....	60 psig @ 8 SCFM, Clean, Dry
Print Speed.....	Up to 121.92m (400 ft) per minute
Message Length.....	Up to 158 characters
Printing Direction.....	Bi-Directional
Printhead	
Sizes.....	7 and 9 Nozzles
Material.....	Stainless Steel
Weight.....	4.0 lbs.
Encoder	
Type.....	Optical
Resolution.....	1200 p.p.r.
Mounting.....	Flange Mount
Operator's Terminal	
Display.....	CRT
Input.....	Alphanumeric Keyboard Interface.....RS-232C
Host Interface	
Electrical.....	RS-232C
Protocol.....	INFOSIGHT Standard