Primary packaging

S8 Contrast
It's not afraid of the dark

Small character ink jet printing

Imaje coding solutions

S8 Contrast

- 4 lines (single-jet) to 8 lines (bi-jet) of variable characters

- Printing speed up to 1065 fpm (5.4 m/s)

- Text in several alphabets, date, 2 postdates ("best before" date), and time, plus automatic counters

- DIN printing mode (message legible in both directions), "chimney" characters (marking read vertically)

- Design and printing of logos

- Vast choice of bar codes

- Data Matrix code

- RS-232 or RS-422/RS-485 (optional) serial connections for remote operation

Imaje

A **DOVER** COMPANY

S8 Contrast

Designed to run pigment-based inks, the S8 Contrast is positioned as the benchmark for printing on dark surfaces, in industries such as cable, extruded plastics, electronics and automotive.

4 plug-and-play packs

		Marking size and type	
		standard (G)	**small (M)**
One head	1 jet	1.1 G	1.1 M
	2 jets	1.2 G	1.2 M

S8 Contrast
High in color

Thanks to its broad palette of opaque, strongly contrasting inks, and its ink circuit designed for pigment-based ink formulations, the S8 Contrast is **tops for marking on dark surfaces.**

- Vast choice of pigment-based ink:
  - Resists mechanical strain, and chemical aggression;

- Good adhesion to every kind of plastic surface (PE, PP, PVC, PA, PUR, etc.);

- Opaque white or colored (blue, red, green, yellow, etc.) for high-contrast printing on dark products.

- Ink circuit specially adapted to pigment-based ink:
  - Optimum contrast and adhesion;
  - Excellent reliability.

S8 Contrast
Competent

Because of adapted ink control for unrivaled reliability and quality marking, the S8 Contrast has the **best performance in its class.**

- Ink circuit pressurized with outside compressed air, while ink is constantly stirred, so as to guarantee reliability for pigment-based inks.
- Printhead pressurization means clean, dry air flows through head so ink is dust-free.

- Regulation of ink viscosity for consistent quality marking, regardless of variations in temperature or formulations.

- Automatic ink-pressure adjustment guarantees constant jet speed.
- Single- or bi-jet printhead.
- Two printheads available, for standard-height characters (G head) or small characters (M head).

Friendly

With the largest screen on the market, an ergonomic keyboard, plus effortless programming and data loading, the S8 Contrast delivers **maximum user-friendliness and security.**

- Large backlit display is easy on your eyes in all lighting conditions.
- Man-sized QWERTY keyboard, with pictograms to identify function keys.

- Scroll-down menus for easy, intuitive use.
- WYSIWYG display is quick, practical for editing messages.

- PCMCIA cards:
  - Easy to load logos and messages into the printer;
  - Quick to program, and identical for several printers, meaning you save time in case of production line changes;
  - Easy back up to secure production.

Imaje Plus

Trouble-free

Imaje Plus

Simple installation, easy maintenance, plus trouble-free use and upkeep, mean the S8 Contrast is **always ready.**

- Installs directly on the shop floor without a special stand.
- Compact printhead is quick to install without adapting the production line.
- Automatic rinsing of the printer is specially adapted to the requirements of pigment-based inks.

- Molded printhead parts eliminate maladjustment, and speed cleaning.
- Replaceable by simple exchange, ink circuits and IC cards enable fast servicing.

Robust

Its tough stainless steel structure and proven, high-reliability design, make the S8 Contrast your **durable worry-free solution.**

- Stainless steel cabinet is clean and robust.
- Sealed keyboard resists solvents.

- Highly reliable electronic SMC (surface mounted components) board.

- Flexible, yet crush-resistant compound material fills printhead-to-printer umbilical.

Printing possibilities

- Single-jet or bi-jet printhead, for up to 4 lines of print per jet
- Character heights: 5 dots, 7 dots, 9 dots, 11 dots, 16 dots, and 24 dots
- Alphabets: Latin, Arabic, Hebrew, Greek, and Cyrillic
- Selection of Chinese, Japanese and Korean characters
- Prints postdates, time, and shift code, with automatic numbering
- DIN printing mode (message legible in both directions), "chimney" characters (marking read vertically)
- Bar codes: Interleaved 2 of 5, Code 39, Code 128, EAN 128, EAN 13, EAN 8, UPCA, and UPCE
- Data Matrix 2D code
- Prints logos

Operations

- Automatic start-up and shutdown
- Operator interface: 640 x 200-pixel LCD screen, QWERTY keyboard, function keys and LED indicators, plus WYSIWYG message display
- Up to 2000 messages in memory, depending on message format
- Logo design from the programming terminal
- Languages available for man/machine interface: English, French, Italian, Spanish, Portuguese, German, Dutch, Swedish, Norwegian, Danish, Finnish, Czech, Hungarian, Polish, Russian, Croatian, Romanian, Bulgarian, Arabic, Greek, Hebrew, Chinese, Japanese, Korean, Thai, Vietnamese
- RS-232 or RS-422/RS-485 (optional) serial connections, parallel interface (optional) for message selection, plus other input/output features

Ink circuit

- Auto-diagnosis and service help menu
- Automatic control of ink viscosity, jet pressure and jet speed
- Continuous stirring of ink, even when machine stopped
- Automatic nozzle clearing
- Pressurized printhead
- Automatic rinsing
- Tank capacity: 1 liter ink and 1 liter additive

Other characteristics

- Stainless steel cabinet
- Level IP54 protection against dust and humidity
- Printer dimensions: H = 3.5', L = 1.5', W = 1' (1045 mm H x 463 mm L x 340 mm W)
- Operating temperature range: 32°F to 120°F (0°C to 50°C), depending on ink used
- Humidity: 10% to 90% without condensation
- Electrical power supply: 110 V ($\pm$20%), 220 V ($\pm$20%), with automatic switching
- Compressed air feed (filtered, dry, and degreased): 5 bar min. to 10 bar max
- Power: 350 VA, at frequencies from 45 Hz to 65 Hz

Full range of accessories

Product sensors, encoders, alarms, printhead brackets, etc.

Head type	G (standard-height characters)	M (small characters)
Speed at nominal resolution	1065 fpm (5.4 m/s)	710 fpm (3.6 m/s)
Character height	0.08" to $^3/_4$" (1.8 mm to 8.5 mm)	0.05" to $^1/_4$" (1.2 mm to 5.3 mm)
Nominal resolution	70 dpi (2.8 dots/mm)	120 dpi (4.5 dots/mm)

We reserve the right to amend design and/or specifications without notice.

Imaje Worldwide Service: first for fine products, first for fine service.
Partner of major manufacturers, Imaje offers a wide range of pre- and post-sales services, through a sales and service network established in over 100 countries. These services include samples marking expertise, consulting services, technical assistance during installation, training, telephone technical assistance (hot line), service contracts and consumables supply contracts.

UL **CE** **BVQi ISO 9001/ISO 14001**
The Quality Management System of the factory where this equipment was manufactured has been certified ISO 9001/ISO 14001.

A DOVER COMPANY

You make it, we mark it.