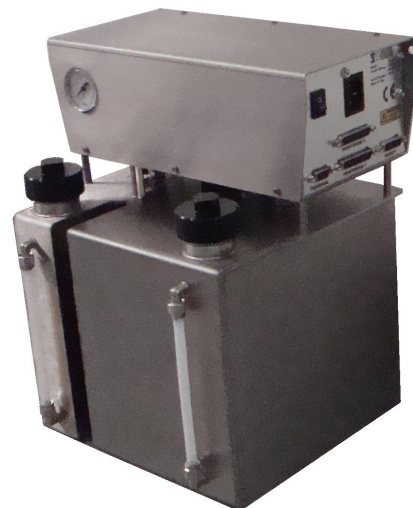


SOLENOID VALVES LARGE CHARACTER PRINTER



- **SOLENOID VALVES TECHNOLOGY**
- **RESOLUTION: about 7 dpi**
- **NUMBER OF DOTS: 1, 7, 17**
- **MAX LINE SPEED: 50 m/min**
- **PRINT HEIGHT: 10-57 mm**
- **UP TO 3 LINES OF TEXT**



MacroLine is an inkjet printer with solenoid valves suited for a wide variety of applications to print dates, prices, lots, expirations, logos, at low resolution.

To whom it is destined.

Suited for especially harsh environments to print on boxes, bags, pipes, industrial products in general. It can be used on porous and non-porous substrates depending on the ink.

Large printing distance to maintain the printer far from the substrate to be printed on.

It can be easily integrated in any production line.

Operator's interface.

The user friendly interface makes the printer easy to setup and operate.

Low resolution printing.

Low resolution and big drops realize simple text, but large and extremely visible.

Three lines of text.

With the 17-dot printhead up to 3 lines of text are achievable.

Print height.

Using 7 or 17 dots and by slanting the printhead, text from 10 to 57 mm can be printed.

Reduced energy consumption.

By integrating the electronics into the printhead and by using switching drivers, thermal dispersions related to the solenoid technology are reduced and the power consumption is optimized.

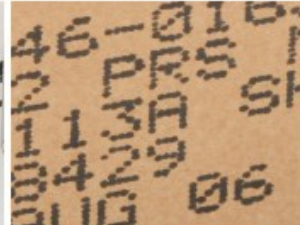
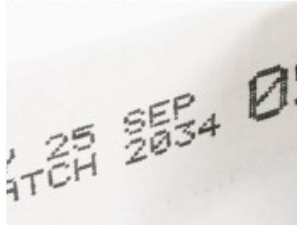
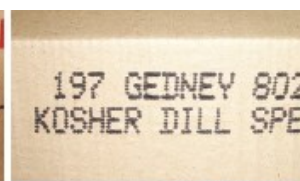
No compressed air.

No compressed air is required to operate. Pressure is created only when needed by a micro pump.

Ink systems.

A range of ink system models are available depending on the application.

Print samples








APPLICATIONS

- Printing of texts and logos on porous and non-porous substrates.
- Suitable for harsh and dusty environments, including cement, chemicals and steel industries.
- No startup and shutdown procedures required, then ideal where power off and on are frequent.
- Ideal where simplicity and compact size are required.

TECHNICAL SPECIFICATIONS

- Supply voltage: 90-264 Vac 50-60 Hz, max 100 W
- Operating temperature: 0-50 °C
- Print technology: large character printer (LCP) with solenoid valves
- Vertical print resolution: about 7 dpi
- Print height: from 10 to 57 mm
- Print length: up to 960 dot columns (about 3 meters)
- Ink type: aqueous, MEK, ethanol
- Max printing speed: up to 50 m/min
- No startup and shutdown procedures
- Operator's interface: graphic display terminal with 128x64 dots, 8 lines of text, 45-key membrane keyboard
- Up to 26 logos can be created from the terminal
- Up to 250 text messages with 40 characters each
- Various font matrix: 5x5, 7x5, 9x7, 16x10
- Up to 3 lines of text with 5x5 font
- *MacroSoft* free software allows control of up to 30 printheads

DIMENSIONS

	Terminal	100 x 31 x 225 mm
	7- and 17-dot printhead	210 x 42 x 78 mm
	1-dot printhead	42 x 76 x 132mm
	Basic ink system	196 x 100 x 175 mm
	IS2+6 ink system	290 x 330 x 235 mm

ACCESSORIES AND CONSUMABLES

- Brackets, floor stand, rear magnet for terminal, spring adapter
- Photocell, encoder
- Inks, filters, lint-free wipes

CONNECTIONS

- RS485 serial line, optional Ethernet
- Photocell, one signal encoder, alarm relay