



Metzner Ink Jet 01 LP & 02 SP

The economical solution for material marking and printing

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Innovative concept – versatile – attractive price

Metzner



High-performance printer with unique nozzle caps

The Metzner Ink Jet 01 LP and 02 SP inkjet printers are the uncompromising and innovative result of many years of experience in the area of non-contact material labelling.

With a very high printing speed of up to 3200 characters/sec or 40 x 10 character prints/sec and feed speeds of up to 380m/min, these inkjet printers can be used in all modern high-performance production lines. Text input or configuration can take place via the simple PC user interface of Metzner processing machinery or via a stand-alone device with modern touch screen display.

The Ink Jet 01 LP is designed for the applica-

tion of unpigmented or lightly pigmented inks, whereas the Ink Jet 02 SP is used with strongly pigmented inks, particularly white and other light colours. The ink and solvent are located in modern re-usable tanks, which can be easily refilled during operation. Permanent ink viscosity measurement working in conjunction with automatic solvent dosage guarantees reliable, environment-friendly operation.

The Metzner Ink Jet 01 LP and 02 SP both have an automatic nozzle cap. This means that the print head is immediately ready for writing, without the usual cleaning work. The housing as well as the entire ink system and the print head are made of high-grade stainless steel.

Innovative concept and fully automatic operation thanks to:

- Automatic nozzle cap, so that the print head is ready to write immediately upon starting
- Automatic, electronic drop breaking control for optimum adaptation to varying ambient and operating temperatures
- Automatic viscosity control
- Ability to refill ink and solvent during operation

The advantages at a glance

- Fully automatic working (see above)
- Excellent print contrast
- Optimum software compatibility with Metzner processing machinery
- No compressed-air connection necessary
- Self-diagnostic system with error indication in plain text
- Freely programmable display of graphic fonts
- Modern touch screen operation or PC-interface

Technical data

Temperature range	+5° C through +45° C max 90% relative humidity, non condensing
Write head cable	3m; optionally up to 10m length
Electrical connection	115 – 230 V, 50 – 60 µ, 50 VA
Compressed air	Not necessary, compressor unit integrated
Method of protection	IP 54; higher types of protection methods optional
Dimensions	440mm x 480mm x 280mm (W x H x D)
Weight	22 kg (48.5 lbs)
Order number	500-00311 Metzner Ink Jet 01 LP 500-00312 Metzner Ink Jet 02 SP

Optional equipment

- Cleaning set
- Head ventilation, as additional protection against heat, dust, etc.

Specification are subject to change without notice.

Printing performance

Printing speed	3200 characters/sec or e.g. 40 prints/ sec at 10 characters and feed speed of up to 380m/ min.
Fonts and text sizes	International alphanumeric character sets in Fonts with 5, 7, 9, 12, 14, 16 or 24 points in lower case and upper case letters of 1-4 lines
Character height	from 0.8mm to 12mm (0.03" to 0.5"), depending on font type and nozzle size
Port	RS232, ASCII characters, 9600 or 38400 Baud
Nozzle size	60µm, 50µm or 70 µm optional for very small or very large font sizes
Data input	Via a PC user interface in conjunction with Metzner processing machinery or via a touch screen in case of stand-alone operation

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