JET One
Print sample overview

JET One: Continuous inkjet technology for high-flyers

JET One offers everything you need at an attractive price. With the JET One, CIJ makes total sense for even more applications. The combination of the best product quality, the highest level of reliability and an unique and broad set of features to run your production more efficiently than ever. The JET One comes with our unique Sealtronic print head technology included. It makes choosing the JET One a no-brainer. Flexible, dynamic, economical.

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JET One Specifications

Printing performance and function
Always in the lead.
The JET One offers the capability to code a wide variety of products and substrates with fixed and variable messages, such as best-before dates, lot numbers and even graphics. Up to two lines, using black ink and with the Sealtronic print head technology, the system will run for months without maintenance.

Highly efficient to operate.
It eliminates the need for maintenance-intensive, continuously operating gear pumps. In contrast, our low-maintenance diaphragm pump is only triggered at optimized intervals and remains thermally isolated from the electronics unit. Fully automated viscosity and pressure controls give you the reliability and constant quality you would expect from a Leibinger solution.

Flexibility has never been easier.
An user interface is like a joke, if you have to explain it, it's no good. Leibinger's JET One interface combines intuitive controls with incredible power under the hood. From simple messages to variable components and graphics, the touch screen's job editor offers you everything you need.

Sealtronic print head technology
Eliminate clogging and the need for frequent head cleaning. Equipped with the automatic Sealtronic nozzle-wiping system, the JET One is ready to print in just a few seconds and always starts with a clean print. This unique technology eliminates clogging of the nozzle – even after prolonged downtime - and keeps the printer running. Productivity loss as a result of coder downtime is a thing of the past!

And connected accessories.
The JET One supports the most commonly used accessories to integrate the coder in your production environment, right out of the box. Product sensor! Encoder! Alarm light! No problem – the JET One is ready for you. The JET One also comes with a USB connection for easy back-up of messages.

Hydraulic concept
Leibinger hydraulic concept
- Low maintenance, diaphragm pumps with optimized duty cycle
- Fully automatic viscosity and pressure control
- Temperature-decoupled hydraulics
- No external compressed air supply required
- Automatic interval function
- Reservoir tanks - refillable during production
- Fully automatic level monitoring

Operation and message editing
Job creation and editing during ongoing production
- Datalogging
- Explorer
- Upload and download jobs and graphics via USB stick

Data management/back-up
- Storage of any number of jobs and graphics
- Data buffering in case of power failure
- Job management with storage of machine parameters
- Explorer
- Job creation and editing during ongoing production

Inks
- Ink: 70000-00801 (black)
- Solvent: 70000-00871

Housing, weights
- Housing: length 8.35" , Ø 1.69"
- Housing: width 15.75" , height 16.93" , depth 11.61"
- Print head: length 8.35" , Ø 1.69"
- Weight housing: 37.48 lbs
- Weight print head: 3.31 lbs
- Weight printing head: 3.31 lbs
- Weight housing: 37.48 lbs

Interfaces/inputs, outputs
- Product sensor input
- Incremental encoder input
- Digital inputs/outputs
- USB connection

Connected loads and ambient conditions
- Protection class IP 54
- 100 V–240 V, 50–60 Hz, max. 40 VA
- Temperature range +41 °F to +113 °F
- Relative humidity max. 90 %, non-condensing
- No external compressed air supply necessary

Accessories
- Product sensor, incremental encoder, device stand, print head brackets, alarm lights, etc.