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TECHNOLOGY GROUP

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Find the *Squid Ink ID3 SQ-ID 2* at our website: ***Click HERE***

World Class Printing Systems
for **Real World Applications**



SQ/2

HIGH QUALITY PRINT ON ANY TYPE OF PRODUCT

Squid Ink's SQ/2 ink jet printing system allows manufacturers to print high quality dot-matrix characters on a variety of products at a cost-effective price. In fact, the SQ/2 offers the lowest price per printed character in the industry today. Users can choose between two models: a water-based system for printing on porous surfaces like corrugated cartons, paper or wood, or a solvent-based system for printing on non-porous products like plastics, stretch wraps, metals, glass or more.

USER FLEXIBILITY

SQ/2 users also have the option of choosing from several printhead configurations. Three different print sizes are available: 3/4", 1/2", or 3/8"" character height. All printheads are capable of printing both a 7 x 5 and 5 x 5 character matrix, offering print sizes ranging from 1/4""to 3/4" in height. Users also have the flexibility to run one or two printheads at any time. All of these components are field-installable for future upgrade to meet your application's changing requirements.

USER-FRIENDLY SYSTEM

The SQ/2 is designed for simple day to day operation. SQ/2's state of the art input device provides quick and easy message programming and retrieval for up to 64 messages. Resident software in the input device walks the user through a series of prompts to program and save each message for printing on - demand. The system can also be programmed and maintained with a PC through a standard RS-232 port.

INNOVATIVE TECHNOLOGY AND PROVEN RELIABILITY

Patented micro-channeling technology eliminates the need for a costly array of fluid valves. Squid Ink uses its own proven plunger technology and distributes ink through a series of channels, keeping production and maintenance costs to a minimum, especially when compared to the costly valve technology common in most ink jet printers today.

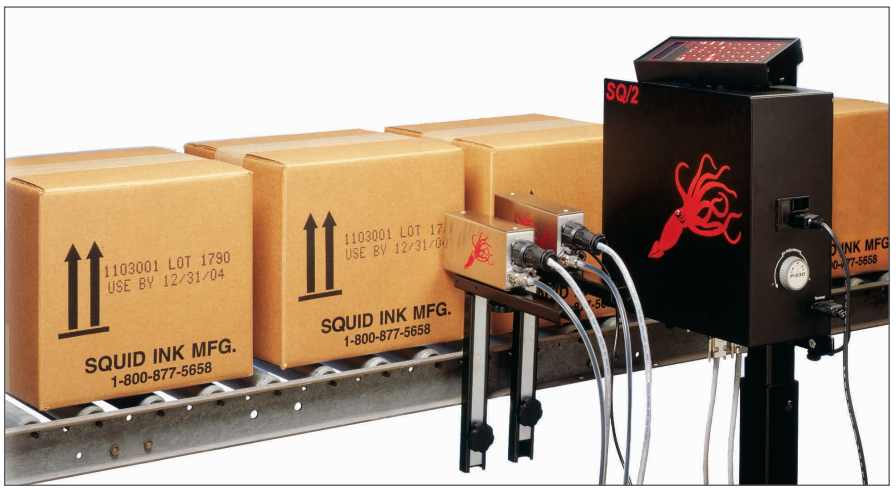
NO MORE SERVICE CALLS

The SQ/2 was engineered inside and out for industrial-strength operation. Heavy-duty gauge coated steel cabinetry ensures continuous operation in harsh, real world environments. If the printer does fail, a fix can be completed in less than five minutes. Quick and easy-to-install replacement printheads, PC cards and air pump modules minimize downtime and eliminate costly service calls. Best of all, the water-based SQ/2 utilizes Squid Ink's patented SQ-60™ no-clog ink, allowing users to leave the ink in their printheads for an extended period of time without flushing or cleaning, making it the most cost-effective, low maintenance ink jet printing system available today.

THE RIGHT SOLUTION

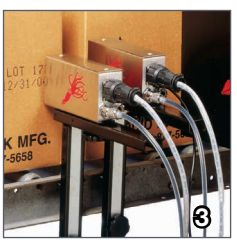
Rugged design. Low maintenance operation. User friendly software. Lower cost of ownership. Your benefits go on and on. When it comes to industrial ink jet printing, rely on Squid Ink to provide the right solution for your marking and coding needs.

SQUID INK®











1) *The SQ/2 utilizes water-based or solvent-based inks for printing on a wide range of porous and non-porous surfaces.*

2) *Squid Ink's patented SQ-60™ no-clog ink allows users to leave ink in their printhead without having to flush their system.*

3) *Run one or two printheads; select from three different printhead sizes; all components are field-installable.*

4) *An industrial-strength input device provides quick and easy message programming.*

SYSTEM SPECIFICATIONS:

- **Printer Type -** Large character ink jet printer
- **Character Height -** .75" (1.9cm) in 7 x 5 matrix; .5""(1.3cm) in 5 x 5 matrix, or .5" (1.3cm) in 7 x 5 matrix; .375""(1cm) in 5 x 5 matrix, or .375" (1cm) in 7 x 5 matrix; .25""(.6cm) in 5 x 5 matrix
- **Character Set -** 61 character ASCII set
- **Print Speed -** 20 feet/minute (6.1m/minute) to 200 feet/minute (61m/minute) line speed; optional extended character width firmware allows for print speeds slower than 20 feet/minute
- **Message Length -** 60 characters per message; 64 memory locations
- **Communication -** RS-232C, 9600 baud, 8 data bits, 1 start, 1 stop, Asynch
- **Software Features -** 24-hour clock, Julian date, counter, lot counter
- **Operating Features -** Dot size, print delay, character width, photocell on/off, invert print, reverse print, purge routine
- **Controller Dimensions -** 12" (31cm) H x 12""(31cm) W x 5.25""(13cm) D
- **Controller Weight -** 10.5 lbs. (4.8kg)
- **Printhead Dimensions -** 3" (7.6cm) H x 1.6" (4.1cm) W x 7""(17.8cm) L; dimensions are for the printhead only – an additional 3""(7.6cm) is needed for the ink line and cabling which extends from the back of the printhead
- **Product Sensor -** Diffuse beam photocell (24v) or hardware sinking signal
- **Electrical Requirements -** 110/120 VAC, 50/60Hz, 1.6 amp
- **Cabinet Construction -** Industrial gauge coated steel
- **Substrate Capabilities -** Porous or Non-Porous surfaces
- **Air Requirements -** No external air needed
- **Ink Capabilities -** Porous: Squid Ink SQ-60™ no-clog ink
- **Ink Volume -** .5 (1.89 liters) gallon bottle standard; available upgrade (water-base ink only) to 5.0 gallon pail (18.93 liters)

OPTIONAL ACCESSORIES

- **Spare Parts Kit -** Includes spare printhead, card cage and PC board pack, air pump module, data cable and master cap
- **Starter Kit -** Includes ink, cleaner for flushing the system, spray bottle for cleaner, hand cleaner and lint-free wipes for the printhead
- **5-Gallon Pail Upgrade -** Upgrades ink supply to 5.0 gallons (water-base ink only)
- **PC Software -** Communications software for PC integration
- **Repeat Print Firmware -** Allows continuous printing of messages
- **Extended Character Firmware -** Allows for print speeds slower than 20 feet/minute
- **Rollaway Stand -** Provides mount for the SQ/2 controller, designed with caster wheels for transportation within plant

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