

# SMART-JET® CORE PRINT CONTROLLER

- Control one CORE Thermal Ink Jet (TIJ) Printhead - PRO, MAX, or REACH
- 7 in./178 mm LCD Display, Full Range of Bar Code and 2D Symbologies
- Ideal for Primary Packaging, Date Coding, Track/Trace Applications

**The Smart-Jet® CORE print system offers the performance you need for any print application you have with all the value you expect from MSSC.**

The Smart-Jet® CORE provides the advanced print features you demand, delivering economical flexibility for your inline print applications. Utilizing maintenance-free Thermal Ink Jet technology (TIJ), the CORE print controller, with its simple to operate LCD touchscreen and intuitive operating software, delivers high resolution print for text, counters, expiration date, Julian date, shift codes, logos, and bar codes. The CORE is designed to deliver the high quality printing results you require at an affordable price.



Contact your local distributor to order or to see the full line of superior quality MSSC products.



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[www.msscillc.com](http://www.msscillc.com)

# SMART-JET® CORE Print Controller

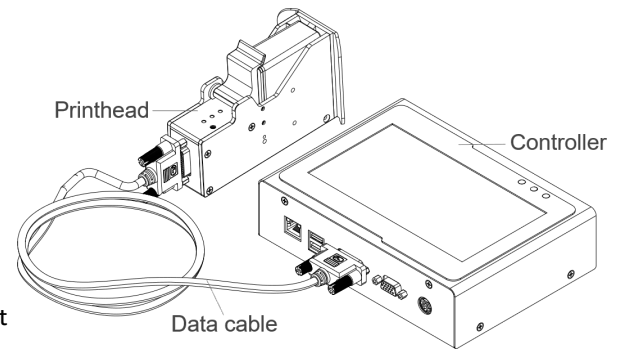
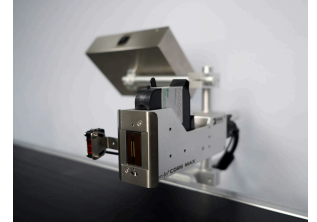
## Full-Featured Print Controller for One CORE TIJ Printhead

### Features:

- Connect and control one CORE Printhead (PRO, MAX, or REACH)
- 7 in./178 mm LCD touchscreen
- Full range of bar code symbologies, including linear and 2D symbols
- Wide variety of water-based and solvent-based inks, including colors and invisible, for printing on a variety of substrates and materials, including kraft corrugated, plastic, flexible film, glass, metal, and coated corrugated
- Choice of fonts, including ability to import TrueType fonts
- Range of graphics and logos, including ability to import custom graphics, images, and logos
- Message length up to 5 ft./1.5 m
- Message Storage: 23 GB (number of messages dependent on content)
- Network via Ethernet to control printer operation, create messages, and monitor printer status
- Import and print databases (\*.txt, \*.csv)
- Receive variable data from scales, scanners, or other devices for on-demand printing using MSSC's POD Print Command Protocol
- Create messages with the web-based program ([www.tijfreedesing.com](http://www.tijfreedesing.com)) to download to printer via USB or Ethernet
- Selection of operating languages, including English, Spanish, French, German, Polish, Korean, and many others
- Printable languages include all operating system languages

### Specifications:

- CORE Controller Dimensions (L x W x H): 7.7 in. x 6.0 in. x 2.0 in./195 mm x 152 mm x 51 mm
- Controller Weight: 4.0 pounds/1.1 kg
- Display: 7 in./17.8 cm LCD touchscreen
- Power Supply: AC 100V–240V, 50/60Hz, DC 24V-2.5A
- Print Resolution: Adjustable, up to 300 dpi x 600 dpi, printhead dependent
- Print Speed: Up to 748 ft./228 m per minute (PRO and MAX Printheads)
- Print Density: Three (3) levels, user defined
- Printhead Cable Length (maximum): 6 ft./1.8 m; cable is standard DVI-D Dual-Link construction, available from local outlets; contact local distributor for details
- Throw Distance: CORE PRO and CORE MAX, ) 0.04 in. - 0.2 in./1 - 5 mm; CORE REACH, 0.04 in. - 0.4 in./1 - 10 mm



### CORE PRO



- Up to 0.5 in./12.7 mm print height
- Water-based and solvent inks
- Multiple colors
- Up to 748 ft./228 m per min
- Up to 0.2 in./5 mm throw distance

### CORE MAX



- Up to 1 in./25.4 mm print height
- Water-based and solvent inks
- Multiple colors
- Up to 748 ft./228 m per min
- Up to 0.2 in./5 mm throw distance

### CORE REACH



- Up to 0.53 in./13.5 mm print height
- Very fast drying MEK ink, available in black and red; PVC-penetrating inks
- Up to 299 ft./91 m per min
- Up to 0.4 in./10 mm throw distance