Videojet® 2120
Large Character Ink Jet Printer

Ink Jet.

Laser.

Thermal Transfer.

Labelers.

Track & Trace.

Supplies.

Parts & Service.

The Videojet 2120 is an easy-to-use printer for applying single or twin line alphanumeric codes to a variety of products or packages. A choice of printheads and inks enable it to print on a wide range of porous and nonporous materials.

Multiple printhead and ink options provide application flexibility

• The 2120 can control two printheads for opposite side case coding, and also offers multiple printer control from one screen for more complex, multi-line coding

• The 700 series printhead is ideal for printing on porous surfaces such as corrugated cardboard cartons and trays, paper bags and sacks, timber, gypsum board, paper reels and similar materials

• The 800 series printhead is ideal for printing on nonporous surfaces such as plastic bags and sacks, plastic containers and shrink-wrap, coated corrugated cardboard, foils, metals, piping and other similar materials

Easy to operate helps reduce coding errors

• Pre-programmed jobs are ready for use or can be customized with minimal effort

• Message Management templates limit operator's choices to predefined values, greatly reducing the chance of printing the wrong code

• Jobs can be transferred to additional printers using common USB storage devices

Guided installation reduces setup/startup time

• An automated setup wizard makes printer installation a breeze

• Printer setup can be "cloned" and transferred to another printer using a USB storage device

Advanced Message Management features

• Messages can be created remotely on a PC using the optional CLARiSOFT® software

• Remote Database Mode enables an operator to download messages from a centralized database or ERP system

VIDEOJET®
Uptime Peace of Mind®

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Ink Jet. Laser. Thermal Transfer. Labelers. Track & Trace. Supplies. Parts & Service.

System Includes

User interface and controller
External power supply and bracket
Printhead(s)
Printhead cable(s)
Ink system plus level detect, 1 Liter
Level detect harness
Bracket kit
Product sensor

Built-in Software Functions

Time of day, internal or remote
Real Time Clock (RTC)
Counters: increment and decrement numbers or characters
Remote download through RS232 or TCP/IP communication
Print delay
Print orientation: inverted, reversed or both

Print Formats

Upper and lower case character
Multi-stroke characters
Bold characters
Escapement
Long and short characters
Print orientation: inverted, reversed or both

Print Height and Print Speeds

Note: Minimum speed is 26 fpm (8 m/min.) for both 700 and 800 series printheads
Note: Dot size setting can have an effect on the maximum line speed

700 Series printheads (for porous substrates)

Printhead	# of dots	Print Height	Max Line Speed
707	7	0.5" 13 mm	236 fpm 72 m/min.
707	7	0.8" 20 mm	371 fpm 113 m/min.
716	16	1.2" 30 mm	236 fpm 72 m/min.
716	16	2.0" 50 mm	371 fpm 113 m/min.

800 Series printheads (for nonporous substrates)

Printhead	# of dots	Print Height		Max Line Speed	
		55°	80°	55°	80°
807	7	1.5" 37 mm	0.4" 11 mm	413 fpm 126 m/min.	285 fpm 87 m/min.
816*	16	3.6" 92 mm	1.1" 28 mm	413 fpm 126 m/min.	285 fpm 87 m/min.

*For 5x5 font matrix, max speed at stated print height is 220 fpm (67 m/min.)

Inks and Delivery Systems

Colors: black, red, blue
Capacity: Standard 1 liter; 5 gallon with optional ADS Plus
Characters/liter
   707 Printhead (7 Dot Font) - 300,000 characters/liter
   716 Printhead (16 Dot Font) - 56,000 characters/liter
   807 Printhead (7 Dot Font) - 400,000 characters/liter
   816 Printhead (16 Dot Font) - 60,000 characters/liter
Surfaces: porous and nonporous
Delivery: optional Automated Delivery System (ADS Plus)

Electrical Specifications

Mains Voltage: 100 to 240 VAC
Frequency: 47 to 63 Hz
Input Current: 1.07 A Max
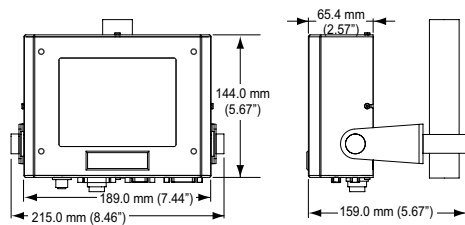Safety Protection: Class I

Environmental Specifications

Operating temperature: 5ºC to 40ºC (41ºF to 104ºF)
Rate of change of ambient temperature: 10ºC (50ºF) per hour maximum
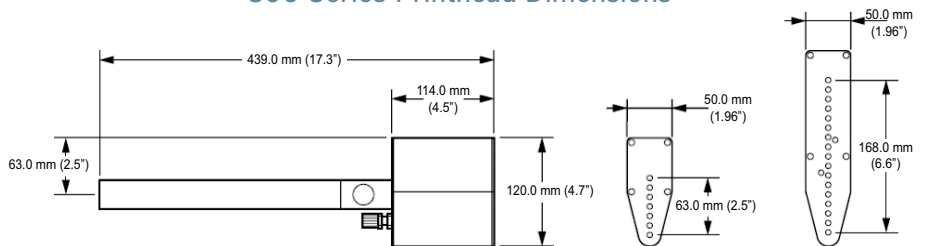Relative humidity: 10 to 90% non-condensing

Weight

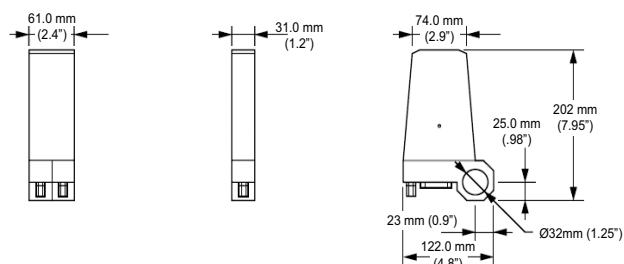|	
CLARiTY® Controller	2.54 lbs (1.15 Kg)
700 Series printhead (7 valve)	1.10 lbs (0.5 Kg)
700 Series printhead (16 valve)	1.99 lbs (0.9 Kg)
800 Series printhead (7 valve)	0.88 lbs (0.4 Kg)
800 Series printhead (16 valve)	1.87 lbs (0.85 Kg)

CERTIFIED ISO 9001 DOCUMENTED QUALITY   CE   UL LISTED   CSA

Controller Dimensions

800 Series Printhead Dimensions

700 Series Printhead Dimensions

VIDEOJET
Uptime Peace of Mind®

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Green PEACE OF MIND