

Videojet Excel® HR

High-Resolution Ink Jet Printer

Ink Jet.

Laser.

Thermal Transfer.

Labelers.

Track & Trace.

Supplies.

Parts & Service.



The Videojet Excel® HR ink jet printer delivers printing of the highest quality, at the smallest size, on virtually any surface. The Excel HR codes products and packages where space is at a premium and print contrast and clarity are critical.

Micro-sized print with exceptional print quality

- Applies up to 3 lines of print with speeds up to 170 fpm (52 ppm)
- Prints characters as small as 0.6 mm (1/32") in height up to almost 0.25" (5/6 mm) without compromising legibility
- Ideal for cosmetics, electronics, pharmaceuticals and specialty product manufacturers

Minimal maintenance and low operating costs

- SurePrint® software ensures reliable operation
- Automatic adjustment of ink viscosity for consistent printing and maximum uptime

Flexibility and ease of use

- Serialization, automatic advancement of expiration dates as well as printing of part number, batch codes and messages
- One, two or three lines of precise alphanumeric, bar codes and custom logos



Line Speed Capability

Can print 1 to 3 lines of print at speeds of up to 170 ft./min. (52 m/min.)

Resolution

170 dots/inch (67 dots/cm)

Print Density

18 characters/inch (11 characters/cm) with 5 x 7 matrix; matrix dependent

Font Matrix Configuration

5 x 7, 5 x 7 twin-line, 5 x 7 tri-line, 7 x 9, 10 x 16, 16 x 24

Bar Codes

Interleaved Two of Five (ITF 2 of 5); Code 39

Optimal Character Height

Selectable from less than 1/32" (0.6 mm) to almost 1/4" (5.6 mm)

Keyboard

66 alphanumeric and special character keys on moisture and ketone-resistant, membrane-type keyboard, security features

Display

40-character, 8-line illuminated (back-lit) LCD display

Custom Characters/Logos/Graphics

Available

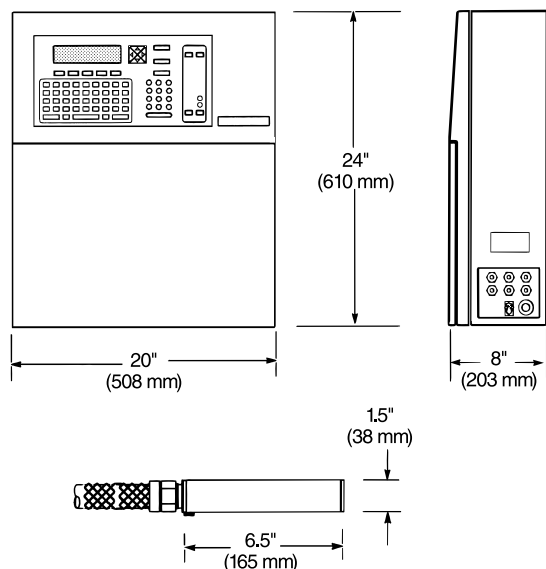
Languages

English, Danish, Dutch, French, German, Japanese, Portuguese, Spanish,

Data Interface

128-character ASCII code: RS-232C at baud rates selectable up to 19.2 kbps

Dimensions



Message Storage

Thirty-two 62-character single-line messages; or thirty-two 124-character twin-line messages; thirty-two 186 character triple-line messages; additional message storage capacity available

Console Dimensions

Stainless steel
24" (610 mm) high
20" (508 mm) wide
8" (203 mm) deep

Environmental Protection

IP54

Printhead

Stainless Steel
Diameter: 1.5" (38 mm)
Length: 6.5" (165 mm)

Printhead Umbilical

12-foot (3.7 m) vinyl-covered armored conduit

Fluids/Consumption

Up to 270 million characters per quart of ink (0.95 L) depending on ink, stroke setting and adjustments

Temperature/Humidity Range

55° to 95°F (13° to 35°C)
10% to 90% RH non-condensing

Air Requirements

65 psi min. (4.3 bars), depending on ink; 2.0 SCFM max. (3.398 l/hr.); dry, oil-free filtered air

Electrical Requirements

Nominal 110 or 240 VAC at 50/60 Hz; 75 watts

Approximate Weight

Unpacked and dry: 90 lbs. (41 kg)
Packed and dry: 110 lbs. (50 kg)

CERTIFIED
ISO 9001
DOCUMENTED QUALITY



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