VIDEOJET®

Videojet EXCEL® HR
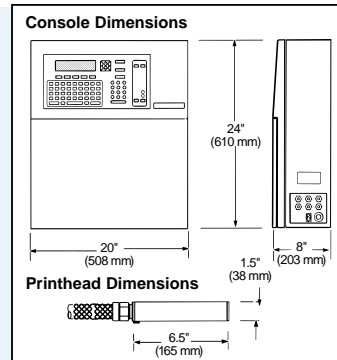## High Resolution Ink Jet Printer

Benefits

- **Micro-size print with great legibility**

- **Minimal maintenance — low operating costs**

- **SurePrint® software automatically monitors and adjusts ink viscosity**

- **Less hazardous waste — more running time**

- **Easy-to-read, easy-to-use**

Videojet TotalSource® Service

The **Total**Source system is the finest and most complete technical support program in the business It includes every-thing from expert applications assistance, operator training and a full spectrum of maintenance services. The **Total**Source program ensures total customer satisfaction. **Support when and where you need it**

Specifications

Console Dimensions

24" (610 mm)
20" (508 mm)
8" (203 mm)
1.5" (38 mm)

Printhead Dimensions

6.5" (165 mm)

Line Speed Capability
Can print 1 to 3 lines of print in 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, 16 x 24 twin-line, bar codes.

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.

Data Interface
128-character ASCII code: RS-232C at baud rates selected up to 19.2 kbps.

Standard 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.

Printhead Cable
12-foot (3.7 m) vinyl-covered armored conduit.

Ink Consumption
Up to 270 million characters per quart of ink, depending on ink, stroke setting and adjustments.

Temperature/Humidity Range
55° to 95°F (13° to 35°C); 10% to 90% RH without condensation.

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   90 lbs. (41 kg)
Packed   110 lbs. (50 kg)

We Build Confidence...

The Videojet EXCEL® HR ink jet printer gives you the results you want when you need printing of the highest quality or the smallest size on virtually any surface. The Excel HR system codes products and packages where space is at a premium and print contrast and clarity are critical. Cosmetics, pharmaceuticals, electronics, and specialty product manufacturers, among others, can now get high resolution ink jet printing on the production or packaging line.

The Excel Series HR printer can print characters as small as 0.6 mm (less than 1/32") and up to 5.6 mm (almost 1/4") in height. The Excel HR system prints up to 27 characters per inch (11 characters/cm) without compromising legibility. It will serialize, automatically advance expiration dates, and print part numbers, batch codes and messages in one, two or three lines of precise alphanumerics, bar codes and custom logos.

SurePrint® software keeps the Videojet Excel HR printer running reliably. It automatically adjusts ink viscosity for consistent printing and maximum uptime. It controls each ink droplet, optimizing its "flight" and spacing for perfect dot matrix printing. Plus, the Excel HR printer's hydraulic system is field-tested and proven for ultimate reliability.

The Videojet Excel HR system virtually eliminates hazardous waste disposal. It consumes all its ink, so there's none left to dispose. By eliminating periodic ink changes and system flushes, it provides more productivity and less maintenance cost.

We Build Confidence...

In High Resolution, Small Character Ink Jet Printing