

SMALL CHARACTER INK JET PRINTER

Videojet® 1610 Dual Head

Productivity made simple...

Dual printhead capability with superior uptime for twice the productivity

The all-new Videojet 1610 Dual Head continuous ink jet printer is designed for printing in two locations on the same product, or for applications that require two different messages, on two locations, at two different speeds. The 1610 Dual Head delivers 12,000 hours of operation before required preventative maintenance, and is ideal for the food and beverage, pharmaceutical, tobacco and building materials markets.

Advanced capabilities

- Dual printheads can be run independently or in tandem to meet a wide range of applications
- Up to 5 lines of high resolution print with speeds up to 293 m/min
- Advanced clean flow printhead design maximises uptime, ensures consistently sharp print quality

Innovative Technology

- 12,000-hour core life before required preventative maintenance
- SmartCartridge™ fluid delivery system prevents spills and drains completely to eliminate waste
- Automatic printhead set up, calibration and adjustment for consistent performance
- Longer print runs from auto-cleaning printhead

Superior environmental protection

- IP65 dust protection (no plant air required)



Identify with Videojet, world leaders in coding and marking solutions.

For more information please visit our website - www.videojet.co.uk

Videojet® 1610 Dual Head Print & Technical Specifications

Line Speed Capability (per head)

Can print 1 to 5 lines of print at speeds of up to 293 m/min (10 characters per inch, single line of print)

Font Matrix Configuration

Single-line: 5x5, 4x7, 5x7, 7x9, 9x12, 10x16, 16x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 9x12, 10x16

Tri-line: 5x5, 4x7, 5x7, 7x9

Quad-line: 5x5, 4x7, 5x7

Five-line: 5x5

Linear Bar Codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128; Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

DataMatrix Codes

10x10, 12x12, 14x14, 16x16, 8x18, 18x18, 20x20, 22x22, 24x24, 16x26, 26x26, 8x32, 32x32, 34x34, 12x36, 16x36, 16x48

Nominal Character Height

Selectable from 2 mm to 10 mm, depending on font

Throw Distance

Optimal: 12 mm

Range: 5 mm to 15 mm

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention

Display

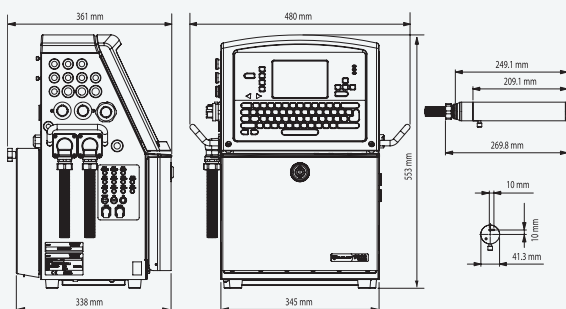
320x240 Bright blue backlit 5.7" LCD display. WYSIWYG onscreen message editing

Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet Logo Creator software

Dimensions

Technical Drawings:



Character Sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

Languages and Interface Options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Data Interface

- RS232, RS485 and ethernet (standard)
- Clarisoft/Clarinet® via RS232 and ethernet
- Message management via USB

Message Storage

250 complex messages

Console Dimensions

- 316 Stainless steel
- 553 mm high; 345 mm wide; 338 mm deep

Environmental Protection

IP65 standard, no plant air required

Printhead

- Heated printhead
- Positive air (standard)
- Automatic calibration
- Auto-clean design
- Diameter: 41.3 mm; Length: 269.8 mm

Printhead Umbilical

- Ultra flexible
- Length: 3 m, optional 6 m; Diameter: 23 mm
- Bend radius: 76.2 mm

Fluids Containers

- Ink Smart Cartridge™ 750 ml
- Make-up Smart Cartridge 750 ml

Temperature/Humidity Range

5°C to 45°C, 0% to 90% RH non-condensing

Electrical Requirements

Nominal supply power 100-120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate Weight

Unpacked and dry: 22 kg

Options

- Dry air kit for high humidity (requires plant air)
- Food grade version
- 60 or 70 micron nozzle
- 90 degree printhead
- Wide range of accessories

Customer Care Statement

At Videojet we offer you a world leading after sales service. You have the opportunity to take maximum advantage of the full Videojet bundle of products and services to obtain superior product marking and coding with maximum equipment uptime. Our families of green, environmentally friendly fluids have been helping customers meet and exceed their expectations and objectives for years. We can also provide inks with fewer or no volatile organic compounds (VOCs) enforcing our commitment to a greener code.



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