The Videojet 1610 Dual Head continuous inkjet printer is designed for applications requiring printing in two locations on the same product or on multiple lanes on a web application, delivering 12,000 hours of operation before required preventive maintenance.

The 1610 Dual Head is ideal for the food and beverage, pharmaceutical, tobacco and building materials markets.

**Uptime Advantage**
- Long run time between preventive maintenance – 12,000 hour core life
- CleanFlow™ printhead technology reduces ink build-up, lets you run longer between printhead cleanings and helps ensure consistently sharp print quality

**Built-in productivity**
- Dual printheads can be run independently or in tandem to meet a wide range of applications
- IP65 dust protection (no plant air required)
- Up to 5 lines of high resolution print per printhead with speeds up to 960 fpm (293 mpm)

**Code Assurance**
- Prevent costly coding mistakes with CLARiTY™-based user interface
- Foolproof set-up wizards make it easy to get codes right and hard to get them wrong
- Further reduce errors by pulling data directly from database systems

**Simple usability**
- SmartCartridge™ fluid delivery system prevents spills and drains completely to eliminate waste
- Automatic printhead set up, calibration and adjustment for consistent performance
Videojet® 1610 Dual Head
Continuous Inkjet

**Line speed capability (per head)**
Can print 1 to 5 lines of print at speeds of up to 960fpm (293mpm)
(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, 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, 36x34, 12x36, 16x36, 16x48

**Nominal character height**
Selectable from 0.079” (2mm) to 0.40” (10mm), depending on font

**Throw distance**
Optimal: 0.472” (12mm)
Range: 0.197” (5mm) to 0.591” (15mm)

**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

**Character sets**
Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanj, Hebrew, Korean, East European and European/American

**Languages and interface options**
English, Arabic, Bulgarian, Czeck, 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

**Environmental protection**
IP65 standard, no plant air required; stainless steel cabinet

**Printheads**
Heated printhead
Positive air (standard)
Automatic calibration
Auto-clean design
Diameter: 1.63” (41.3mm)
Length: 10.62” (269.8mm)

**Printhead umbilicals**
Ultra flexible
Length: 9.84’ (3m) optional 19.69’ (6m)
Diameter: 0.91” (23mm)
Bend radius: 4.00” (101.6mm)

**Fluids containers**
Ink Smart Cartridge™ 0.793 qt. (750ml)
Make-up Smart Cartridge 0.793 qt. (750ml)

**Temperature/humidity range**
32°F to 122°F (0°C to 50°C)
0% to 90% RH non-condensing
With selected inks; actual installation may require additional hardware based on production environment conditions

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

**Approximate weight**
Unpacked and dry: 48.6lbs. (22kg)

**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

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**Order supplies**
shop.videojet.com
**Call**
800-843-3610
**Email**
info@videojet.com
**or visit**
www.videojet.com

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