

Videojet® 1580

Continuous Inkjet

Line speed capability

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&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 0.079" (2mm) to 0.40" (10mm), depending on font

Throw distance

Optimal: 0.472" (12mm)
Range: 0.197" (5mm) to 0.591" (15mm)

User interface

10.4" high-response TFT-LCD touch screen
WYSIWYG touch to edit message editing

Custom logo/graphics

Can be created via optional CLARISOFT™ software*

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Romanian, 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

Input/output

Product detect input
Encoder input
Beacon (Alarm light) output
Relay output
USB 2.0 (2x)
Ethernet LAN™

Message storage

More than 250 complex messages

Environmental protection

IP55 standard, no plant air required, stainless steel cabinet
IP65 protected electronics (optional with dust protection kit)

Printhead

Heated printhead
CleanFlow™ including positive air, no plant air required (optional)
Diameter: 1.63" (41.3mm)
Length: 10.62" (269.8mm)

Printhead umbilical

Ultra flexible
Length: 9.84' (3m) optional 19.69' (6m)
Diameter: 0.91" (23mm)
Bend radius: 4.0" (101.6mm)

Make-up fluid consumption

5.0ml per hour (MEK at 20°C)

Fluids containers

Ink and 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., 50 W

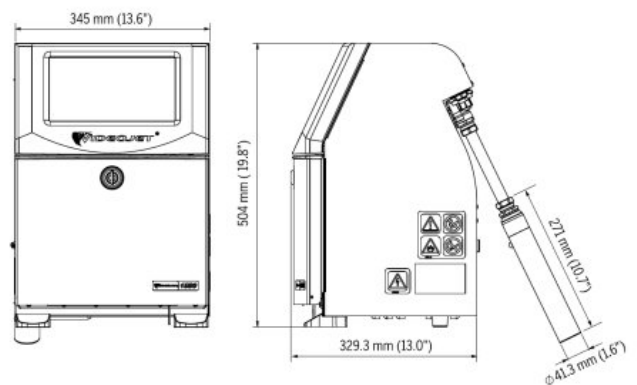
Approximate weight

Unpacked and dry: 46.3lbs. (21kg)

Options

Dust protection kit with CleanFlow™ technology
Dry air kit for high humidity (requires plant air)
RS232 connector kit (USB to Serial DIN-5 male adapter)
SIMPLICITY™ Workflow Modules
Wide range of accessories

* CLARISOFT Package Coding Design software required for bar codes and other advanced functionality.



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