Continuous Inkjet

**Videojet® 1580 C**

The 1580 C delivers industry-first performance using soft-pigmented contrast inks, providing superior uptime and enabling you to achieve your marking and coding objectives today, and as they evolve.

A contrast printer that performs and behaves like a dye-based printer, the Videojet 1580 C features innovations in hydraulics, printhead, and cartridge designs that bring running time and maintenance intervals to the same level as a standard continuous inkjet (CIJ) printer. The 1580 C uses similar filters as the rest of our CIJ range, with the same cleaning cycles and preventive maintenance as a dye-based printer. Planned maintenance can take place every 5000 hours, with no need to reduce intervals because of using soft-pigmented inks. With Videojet OPMTIMiZE software, the 1580 C can assess printer efficiency and provide suggestions for improvement.

### Uptime Advantage
- Increase uptime with an additional 8 hours minimum of run time using a make-up reserve tank that protects your production under normal operating conditions
- Patented cartridge design helps to reduce common faults by alleviating ink pigment settling in the cartridge and blocking the orifice, which can result in printhead clogging
- Videojet Dynamic Calibration automatically maintains superior print quality, for optimum uptime under changing environmental conditions

### Code Assurance
- Lower the opportunity for coding errors with intelligent message creation functionality
- Automate code content without the need for operator interaction with user definable message rules
- Maintain consistent quality and contrast over time with codes that remain readable and don’t fade over time

### Simple Usability
- Eliminate potential user errors through a Videojet SIMPLICITY™ interface that greatly reduces operator printer interactions
- Easy to operate tablet-inspired 10” touchscreen display that is intuitive to you and translated to native language
- Customize interfaces with built-in wizards, and access guided video tutorials for routine printer tasks

### Built-in Productivity
- Built-in Wi-Fi and cellular connections provide an easy and secure way to wirelessly communicate
- Analyze your individual use patterns and receive printer improvement opportunities via on-screen alerts
- Access technical experts at the touch of a button through optional VideojetConnect™ Remote Service (depending on local availability)
- Webserver capability allows access to printers via supported web browsers on host computers
**Videojet® 1580 C**

**Continuous Inkjet**

**Line speed capability**
Can print 1 to 5 lines of print at speeds of up to 889fpm (271mpm) (19 characters per inch, single line of print)

**Font matrix configuration**
- Single-line: 5x5, 5x7, 7x9, 9x12, 10x16, 16x24, 25x34
- Twin-line: 5x5, 5x7, 7x9, 9x12, 10x16
- Tri-line: 5x5, 5x7, 7x9
- Quad-line: 5x5, 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
- Code 128 A, B & C
- UCC/EAN 128
- Code 39
- Interleaved 2 of 5

**QR codes**
- 21x21, 25x25, 29x29, 33x33
- Error correction mode L, M, Q or H

**DataMatrix codes**
- 10x10, 12x12, 14x14, 16x16, 8x18, 18x18, 20x20, 22x22, 24x24, 12x26, 26x26, 8x32, 32x32, 12x36, 16x36, 16x48
- Error correction mode L, M, Q or H

**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
- (CLARiSOFT Package Coding Design software required for advanced functionality)

**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™; Built-in Wi-Fi

**Message storage**
- More than 250 complex messages

**Environmental protection** (no plant air required)
- IP55 standard, 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)

**Fluids containers**
- Ink Smart Cartridge™ 0.740 qt. (700ml)
- 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

**Electrical requirements**
- Nominal supply power 100-240 VAC at 50/60 Hz, 70W

**Approximate weight**
- Unpacked and dry: 66.3lbs. (21kg)

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

---

**New printer quote 866-871-3226**

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

Videojet Technologies Inc.
1500 Mittel Blvd. Wood Dale IL 60191 / USA

---

©2022 Videojet Technologies Inc. — All rights reserved.
Videojet Technologies Inc.’s policy is one of continued product improvement.
We reserve the right to alter design and/or specifications without notice.

Part No. SL000714
ss-1580-c-cellular-us-1222
Printed in U.S.A.