

# Epson Stylus® Pro 3880

Designed without compromise.



## Features/Benefits

- **Industry-leading pigment ink technology** — Epson UltraChrome K3® with Vivid Magenta Ink for intense blues and violets
- **Professional control** — Advanced Black-and-White Photo Mode to easily create neutral or toned black-and-white prints from color or monochrome images
- **Precision print head technology** — Advanced MicroPiezo® AMC™, one-inch wide print head with ink-repelling coating for accurate dot placement
- **Optimal black density** — auto-switching Matte and Photo Black ink for a high Dmax and superior contrast on glossy, matte and fine art papers
- **Advanced image quality architecture** — smoother color transitions and outstanding highlight and shadow detail with AccuPhoto™ HD2 screening algorithms
- **Broad media support** — create prints up to 17" x 22" on media types including semimatte paper, fiber paper, fine art media or art boards up to 1.5 mm thick
- **Consistent output from printer to printer** — Epson PreciseColor™ ensures no colorimetric calibration is required to normalize the print head
- **Specialized support** — dedicated support for Epson Stylus Pro 3880 users from an expert team at Epson

## Ordering Information

Product Name	Product Code
<b>Epson Stylus Pro 3880</b>	<b>CA61201-VM</b>
<b>Epson Stylus Pro 3880 Graphic Arts Edition</b>	<b>CA61201-GA</b>
Photo Black ink cartridge	T580100
Cyan ink cartridge	T580200
Vivid Magenta ink cartridge	T580A00
Yellow ink cartridge	T580400
Light Cyan ink cartridge	T580500
Vivid Light Magenta ink cartridge	T580B00
Light Black ink cartridge	T580700
Matte Black ink cartridge	T580800
Light Light Black ink cartridge	T580900



# Epson Stylus Pro 3880 Print Engine Specifications

## Printing Method

Advanced MicroPiezo AMC print head technology  
8-channel, drop-on-demand, ink jet print head  
9-color (C, Lc, VM, VLM, Y, Lk, LLk + PK or MK)  
Auto head alignment and cleaning technology  
Pigment-based Epson UltraChrome K3 with Vivid Magenta Ink technology

## Auto-sharing Black Ink Technology

Fully automatic switching between Black ink modes

Black ink conversion times

Matte to Photo Black 2:55 min:sec

Photo to Matte Black 1:55 min:sec

Ink used during conversion<sup>a</sup>

Matte to Photo Black Approx. 4.5 ml

Photo to Matte Black Approx. 1.5 ml

## Nozzle Configuration

Color and Monochrome heads 180 nozzles x 8

## Droplet Technology

Smallest droplet size 3.5 picoliters

Variable Droplet Technology can produce up to three different droplet sizes per print line

## Resolution

2880 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi

## Print Engine Speed<sup>b</sup>

8" x 10" prints Average is 4:08

11" x 14" prints Average is 6:39

16" x 20" prints Average is 10:59

## Acoustic Noise Level

Approximately 47 dB according to ISO 7779

## Printer Language/Drivers

Epson ESC/P<sup>2</sup> raster photographic drivers standard

Optional PANTONE<sup>®</sup> licensed and SWOP<sup>®</sup> certified PostScript Language Level 3 compatible RIP by ColorBurst<sup>®</sup> (included only with Graphic Arts Edition bundle)

Supported by most leading, third-party RIPs and workflows

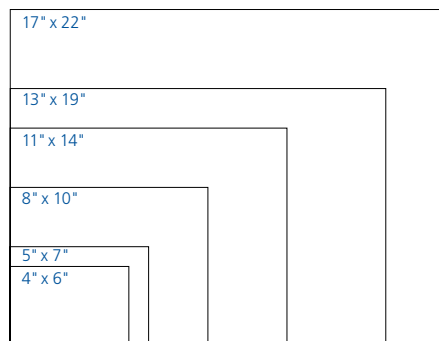
## Dimensions and Weight

27" x 15" x 10" (W x D x H)

Printer weight: 43.2 lb

## BorderFree<sup>®</sup> Printing

Complete borderless printing on the following cut-sheet sizes  
4" x 6", 5" x 7", 8" x 10", 11" x 14", 13" x 19", 17" x 22"



## Printable Area

Maximum paper width 17"  
Maximum cut-sheet size 17" x 22"  
Minimum cut-sheet size 4" x 6"  
Left and right margins 0 or 3 mm each (0.24" total)  
Top and bottom margins 0 or 3 mm or 15 mm each

## Media Handling

Main top-loading feeder Up to 17" x 22"  
Up to 120 sheets plain; 50 photo  
Second top-loading feeder Up to 17" x 22"  
Single sheet manual feeder, optimized for fine art paper  
Front manual feeder Up to 16" x 20"  
Straight-through, single sheet manual feeder up to 1.5 mm  
Weight 12 lb bond, up to 1.5 mm cardboard

## Epson Intelligent Pressurized Ink Cartridges<sup>c</sup>

Cartridge fill volume 80 ml each color x 9 colors total  
Ink cartridge shelf life 2 years from printed production date or 6 months after opened

## Lightfastness Ratings<sup>d</sup>

Epson UltraChrome K3 with Vivid Magenta Ink Color: Up to 200 years  
Black-and-white: Over 200 years

## Environmental Characteristics

Temperature  
Operating 50° to 95°F (10° to 35°C)  
Storage -4° to 104°F (-20° to 40°C)  
Relative humidity  
Operating 20 to 80%  
Recommended storage 40 to 50%  
5 to 85% (no condensation)

## Safety Approvals

Safety standards UL1950, CSA 22.2 950 FDA  
EMI FCC Part 15 subpart B class B, CSA C108.8 class B, AS/NZS 3548 class B

## Electrical Requirements

Voltage AC 110 – 120 V  
Frequency 50 – 60 Hz  
Current 0.6 A/110 – 120 V  
Power consumption  
Operating Approx. 25 W  
Standby Less than 5 W  
Power Off Less than .3 W  
ENERGY STAR<sup>®</sup> compliant (Tier 2)

## Printer Interfaces

Hi-Speed USB 2.0 (1 port)  
100Base-T Ethernet (1 port)

## Operating Systems Supported

Mac<sup>®</sup> Mac OS<sup>®</sup> X 10.4.11 – 10.5.x, 10.6.x  
Windows<sup>®</sup> Windows XP (64-bit also supported),  
Windows Vista<sup>®</sup> (64-bit also supported),  
Windows 7 (64-bit also supported)

## Product/Accessories

Product/Accessories	Part Numbers
Epson Stylus Pro 3880 print engine	CA61201-VM
Epson Stylus Pro 3880 Graphic Arts Edition	CA61201-GA
Epson Stylus Pro 3880 TUMI <sup>®</sup> cover	C3800TUMI
Additional one-year Epson Preferred <sup>SM</sup> Plus service	EPP38B1
Additional two-year Epson Preferred Plus service	EPP38B2
Replacement ink maintenance tank	T582000

## Epson UltraChrome K3 Ink (80 ml)

Photo Black ink cartridge	T580100
Cyan ink cartridge	T580200
Vivid Magenta ink cartridge	T580A00
Yellow ink cartridge	T580400
Light Cyan ink cartridge	T580500
Vivid Light Magenta ink cartridge	T580B00
Light Black ink cartridge	T580700
Matte Black ink cartridge	T580800
Light Light Black ink cartridge	T580900

A Ink used in conversion varies considerably based on temperature and other factors.

B Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc. Normal Mode based on SuperFine – 1440 dpi.

C Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. A variable amount of ink remains in the cartridge after the "replace cartridge" signal. Part of the ink from the first cartridges is used for priming the printer. Ink is used for both printing and print head maintenance. All inks are used for both black and color printing. For more information about cartridges, see [www.epson.com/cartridgeinfo](http://www.epson.com/cartridgeinfo)

D Ink lightfastness rating based on accelerated testing of prints on specialty media, displayed indoors, under glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity and atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

[www.proimaging.epson.com](http://www.proimaging.epson.com)  
[www.epson.com/3880](http://www.epson.com/3880)

**Better Products for a Better Future<sup>™</sup>**  
[www.eco.epson.com](http://www.eco.epson.com)



**EPSON<sup>®</sup>**  
EXCEED YOUR VISION

**Epson America, Inc.**

3840 Kilroy Airport Way, Long Beach, CA 90806

**Epson Canada, Ltd.**

3771 Victoria Park Avenue, Toronto, Ontario M1W 3Z5

[www.epson.com](http://www.epson.com)

[www.epson.ca](http://www.epson.ca)



Specifications and terms are subject to change without notice. Epson, Epson ESC/P, Epson Stylus, Epson UltraChrome K3 and MicroPiezo are registered trademarks, Epson Exceed Your Vision is a registered logomark and Better Products for a Better Future is a trademark of Seiko Epson Corporation. BorderFree is a registered trademark, AccuPhoto, AMC and PreciseColor are trademarks and Epson Preferred is a service mark of Epson America, Inc. Microsoft, Windows, Windows Vista and the Windows logos are trademarks of the Microsoft group of companies. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2009, Epson America, Inc.

Product Preview