EPSON
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SPECIFICATION SHEET

SureColor® P20000

SureColor P-Series

64" Wide / 9-Color

Powered by PRECISIONCORE®

Professional 64" photographic printer.

The art of performance — high-performance 9-color archival pigment for high-volume photographic printing environments

Remarkable productivity — new PrecisionCore® MicroTFP printhead utilizing 8000 nozzles, for print speeds up to twice as fast as our previous generation

Outstanding print quality — Epson UltraChrome® PRO archival ink technology produces exceptional color prints that last up to 200 years[1], along with four levels of gray for accurate transitions with very low grain, even at the fastest print modes

Low cost of operation — high-capacity 700 mL ink cartridges, along with more efficient ink usage, allows for an extremely low cost per print

Superior workflow features — standard gigabit Ethernet and Hi-Speed USB, along with an internal 320GB print server, allows for exceptional networking performance for multiple workstations; built-in web page for job and file management as well as job accounting capabilities

Designed for use exclusively with Epson cartridges.*

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Print

Printing Technology Advanced PrecisionCore MicroTFP 10-channel, drop-on-demand printhead with ink-repelling coating technology
Ink Type UltraChrome PRO pigment ink; 10-ink, 9-color
Ink Configuration C, LC, VM, VLM, Y, LGY, GY, DGY, PK, MK
Fade Resistance/Print Longevity[1] Color: up to 200 years; Black-and-white: up to 400 years
Nozzle Configuration Color and monochrome, 800 nozzles x 10 color channels
Droplet Technology Smallest droplet size: 3.5 picoliters; Variable Droplet Technology can produce up to three different sizes per line
Maximum Resolution 2400 x 1200 dpi
Print Speed[2]
16" x 20" prints from 1:47 to 3:17; normal is 2:09
20" x 30" prints from 2:55 to 5:33; normal is 3:40
40" x 60" prints from 8:33 to 16:30; normal is 10:52
Printer Language/Drivers Epson Professional Photographic Drivers standard; optional internal Adobe® PostScript® 3™ print server

Epson Intelligent Ink Cartridges[3]

In-box Cartridge Fill Volume 110 mL each color x 10 colors total
Retail Cartridge Fill Volume 700 mL each color x 10 colors total
Ink Cartridge Shelf Life 2 years from printed production date or 6 months after opened
Auto-selecting Black Ink Technology
Dedicated Photo Black and Matte Black ink channels selected automatically, based on media choice for optimal black density

Roll Media Handling

Single Top-loading Roll 64" wide
2" or 3" Core Diameter User-adjustable roll media adapters
Maximum Roll Diameter 6.7" (170 mm)
Roll Cutting[4] High-speed internal rotary cutter; auto or manual cut
Minimum Page Length 11.0" plus top and bottom margin (11.24" min.)
Top/Bottom Margins (mm) Normal: setting varies based on media selection, Optional fixed: 3/3, 15/15, 35/15, 45/15
Left/Right Margins 3 mm each side; 0.24" total; or 0" at BorderFree® sizes
BorderFree Print Widths 10", 11.8", 13" (super A3), 16", 17" (US C), 20", 20.28" (~B2), 23.39" (~A1), 24", 28.86 (B1), 29", 33.11" (~A0), 36", 40.55" (~B0) 44" (Super B0), 50", 54", 60"
Roll Paper Remaining Printable bar code tracking system
Optional Take-up Reel Auto forward and backward; light-based media sensor

Sheet Media Handling

Single-sheet, Top-loading Up to 64" wide
Sheet Loading Top-loading if less than 0.5 mm thick
Media Thickness 0.8 mm to 1.5 mm
Top/Bottom Margins 3 mm/15 mm (0.12"/0.59")
Top/Bottom Margins with Centering On 15 mm/15 mm
Left/Right Margins 3 mm each side; 6 mm or 0.24" total

Printable Area and Accuracy

Minimum Paper Width 10"
Maximum Paper Width 64"
Minimum Cut-sheet Size 8.5" x 11"
Minimum Recommended Cut Sheet 13" x 19"
Maximum Printable Cut-sheet Length 80"
Maximum Printable Roll Length[5] 590.55"
Line Accuracy +/- 0.2% of specified length (+/- 0.26 mm min.)

Printer Interfaces

Hi-Speed USB 2.0 (1 port)
1000Base-T Ethernet (1 port)

Operating Systems Supported[6]

Apple® OS X® 10.11.x, 10.10.x, 10.9.x, 10.8.x and 10.7.x
Microsoft® Windows® 10, 8.1, 7 (32-bit, 64-bit)

General

Weight and Dimensions (W x D x H)
Basket Open: 95.1" x 38.4" x 45.1" (2415 x 980 x 1168 mm)
Weight: 377 lb (171 kg)
Acoustic Noise Level
Sound Pressure Level: Less than 51.1 dB(A)
Sound Power Level: Approx. 65.3 dB(A)
Temperature
Operating: 50 ˚ to 95 ˚F (10 ˚ to 35 ˚C)
Operating (recommended): 65 ˚ to 75 ˚F (18 ˚ to 24 ˚C)
Storage: -4 ˚ to 104 ˚F (-20 ˚ to 40 ˚C)
Relative Humidity
Operating: 20 – 80% (no condensation)
Operating (recommended): 45 – 60% (no condensation)
Storage: 5 – 85% (no condensation)
Electrical Requirements
Voltage: AC 110 – 240 V
Frequency: 50 – 60 Hz
Current: 5 A
Power Consumption
Printing: approx. 95 W
Sleep Mode: approx. 2.8 W (1000 BaseT Ethernet in Standby Mode)
Power Off: less than 0.5 W ENERGY STAR® qualified
Standards and Approvals
Safety Standards: UL605950-01, CAN/CSA C22.2 No. 60950-1
EMC FCC part 15 subpart B class A,
CAN/CSA-CEI/IEC CISPR22 class A,
AS/NZS CISPR 22 class A
Country of Origin China

Ordering Information

SureColor P20000 Standard Edition	SCP20000SE
Maintenance Ink Tank	T619300
Replacement Printer Cutter Blade	C13S210040
Additional Roll Media Adapters (pair)	C12C932231
Auto Take-up Reel Option	C12C932201
Adobe PostScript 3 Print Server	C12C891131

UltraChrome PRO Ink (700 mL)

Photo Black Ink Cartridge	T800100
Cyan Ink Cartridge	T800200
Vivid Magenta Ink Cartridge	T800300
Yellow Ink Cartridge	T800400
Light Cyan Ink Cartridge	T800500
Vivid Light Magenta Ink Cartridge	T800600
Dark Gray Ink Cartridge	T800700
Matte Black Ink Cartridge	T800800
Gray Ink Cartridge	T800900
Light Gray Ink Cartridge	T800000

Printer is designed for use with Epson cartridges only, not third-party cartridges or ink*

Warranty and Extended Service Plans

Limited Warranty and Service Standard one-year usually next-business-day on-site repair with toll-free phone support Monday through Friday

1-year Epson Preferred℠ Plus Service	EPP1020KB1
2-year Epson Preferred Plus Service	EPP1020KB2

*This product uses only genuine Epson-brand cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly.

1 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 longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them. Visit www.wilhelm-research.com for the latest information. | **2** Print times are based upon print engine speeds only. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. Normal is for prints imaged using 1200 x 600 High-speed Mode. | **3** Cartridge yields vary considerably based on images printed, print settings, paper type, frequency of use and temperature. For print quality, a variable amount of ink remains in the cartridge after the "replace cartridge" indicator comes on. The printer ships with full cartridges and part of the ink from the first cartridges is used for priming the printer. | **4** High-volume cutting of canvas and heavy media stocks may require frequent cutter replacement. | **5** Allowed by printer driver for Mac® and PC. Application used, version of application and operating system version may limit maximum length. | **6** For the latest drivers, visit www.epson.com/support

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Name

Email

Phone Number