The Art of Performance.

When it came to developing the ultimate tool for high-speed, on-demand production printmaking, we began at the intersection where tradition meets innovation. The result is a completely redesigned printer capable of delivering performance unlike anything you’ve ever seen from Epson.

Introducing the all-new Epson® SureColor P10000 and P20000 Printers

Incorporating our latest professional imaging technologies — including the groundbreaking, high-performance Epson PrecisionCore® MicroTFP printhead and our next-generation Epson UltraChrome® PRO pigment ink set — these SureColor P-Series 44" and 64" printers are the future of wide-format, high-production imaging.
The Art of Performance

The ultimate production tool for on-demand color and black-and-white printmaking, the 64” Epson SureColor P20000 printer is the worthy successor to one of the most widely used fine art printers of all time — the Epson Stylus® Pro 11880. Designed for high-production photographic, fine art and indoor display graphics printing, it incorporates our most advanced imaging technologies to date, including the groundbreaking 2.6” Epson PrecisionCore MicroTFP printhead and next-generation Epson UltraChrome PRO 9-color pigment ink set. Without question, the SureColor P20000 is perfect for the demanding requirements of high-volume, high-quality and high-impact printmaking.

Photographic Print Speeds1

<table>
<thead>
<tr>
<th></th>
<th>16” x 20”</th>
<th>20” x 30”</th>
<th>40” x 60”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production – 600 x 600 HS</td>
<td>1:04</td>
<td>1:49</td>
<td>5:24</td>
</tr>
<tr>
<td>High Quality – 1200 x 1200 HS</td>
<td>2:09</td>
<td>3:40</td>
<td>10:52</td>
</tr>
<tr>
<td>Extreme Quality – 2400 x 1200 HS</td>
<td>3:17</td>
<td>5:33</td>
<td>16:30</td>
</tr>
</tbody>
</table>

HS = High Speed Mode (Bi-Directional Print Mode) | Print speeds are shown in min:sec

A New Era of Production

Designed for on-demand poster, wall décor and indoor display graphics applications, the Epson SureColor P10000 stands out among Epson’s family of 44” printers by setting a new benchmark for high-production imaging excellence. Incorporating our latest imaging technologies, it includes the all-new, high-performance 2.6” Epson PrecisionCore MicroTFP printhead and next-generation Epson UltraChrome PRO 9-color pigment ink set. Capable of printing high-quality images at phenomenal production speeds, the SureColor P10000 is ideal for high-volume printmaking.
Uncompromising Print Technology

Our groundbreaking Epson PrecisionCore printhead technology offers unrivaled performance for professional imaging applications. And, with our next-generation Epson PrecisionCore MicroTFP 8,000-nozzle printhead configuration — designed specifically for these two SureColor P-Series printers — we’ve achieved another breakthrough. Featuring 800 nozzles per color — more than twice the amount found on any other P-Series printhead — these printers produce high-quality images at faster production speeds than ever before. Developed to work exclusively with our unique Epson UltraChrome PRO Inks, this is our most advanced printhead to date, offering exceptional accuracy, consistency and speed.
Introducing Epson UltraChrome PRO Ink

Long regarded as the standard by which all other professional-level pigment ink technologies are judged, Epson UltraChrome Inks consistently elevate performance imaging to new levels — and our next-generation Epson UltraChrome PRO Inks are no different. Building upon the breakthrough core pigments developed for UltraChrome HD, the 9-color UltraChrome PRO Ink set includes an all-new Dark Gray ink for 4 levels of Black, resulting in outstanding print neutrality at production speeds. And, with this latest generation of color pigment technology, we’ve achieved a breakthrough in print permanence, resulting in prints of exceptional quality capable of defining a legacy.

4-Level Black Ink System

Featuring 3 levels of Gray ink, along with Matte or Photo Black, the printer achieves outstanding neutrality and tonality, even at the highest production print speeds.

Epson Precision Dot Screening

This advanced algorithm ensures incredible accuracy for the sizing, timing and placement of ink droplets — resulting in beautiful continuous-tone prints.

Improved Black Density

Higher-density Matte and Photo Black pigments produce a wider contrast ratio for optically clearer and sharper images on color and black-and-white prints.

Print Permanence

Independently rated by Wilhelm Imaging Research Inc., our latest UltraChrome PRO Inks result in prints lasting up to 200 years for color and 400 years for black-and-white.
Backlit Display and Trade Show Graphics
Epson UltraChrome PRO pigment inks deliver deep blacks and brilliant color for images sure to stand out in any setting.

Professional Color and Black-and-White Photography
Incorporating our all-new UltraChrome PRO Ink set, the SureColor P10000 and P20000 produce extraordinary photographic prints at production speeds.

High-Quality Poster Prints
Quickly print highly marketable 4-sided borderless posters on a variety of coated media at up to 411 sq ft/hr.

High-Production Indoor Signage
Achieve repeatable and accurate color — without banding or artifacts — for prints that look outstanding, even from inches away.

Fine Art and Canvas Prints
Create high-quality fine art and canvas production prints on demand at up to 213 sq ft/hr.

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© Elizabeth Carmel
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All-New Advanced Print Engine

The SureColor P10000 and P20000 print engine was designed from the ground up to support the unmatched performance of our next-generation Epson PrecisionCore MicroTFP printhead. Offering unique inductive roll media loading, roll-media feed-stabilizing technology, plus delicate handling for fine art media — as well as a straight-through rigid sheet media path — this new print engine not only improves upon the performance of our previous generation, it redefines what it means to perform.

New Inductive Media Roller System

The printer’s all-new roll-loading process allows for simple and accurate front-top roll loading with minimal errors or skewing.

Optional Automatic Take-Up Reel

This user-installable system (sold separately) offers forward and backward take-up modes for unattended roll-to-roll printing.

Front Straight-Through Path

Cut sheets, posterboard and rigid aqueous media up to 1.5 mm thick.

All-New Advanced Print Engine

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Real-Time Media Adjustment System

A built-in CMOS sensor photographs the back of media up to 60 times per second and adjusts media feeding in real time, resulting in high-quality printing from the first to last print on a roll.

Included Internal 320GB Print Server

Boost workgroup productivity by quickly transferring print jobs to free up workstations. Plus, you can easily manage, save and reprint jobs.

Optional Automatic Take-Up Reel

This user-installable system (sold separately) offers forward and backward take-up modes for unattended roll-to-roll printing.
Epson SureColor P10000 & P20000 Printer Specifications

Printing Technology
Advanced PrecisionCore MicroTFP 10-channel, drop-on-demand printhead

Ink Type
Epson UltraChrome PRO pigment ink; 10-ink, 9-color (C, LC, VM, VLM, Y, GY, LGY, DGY, PK, MK)

Independently Tested Print Permanence
Color: Up to 200 years
Black-and-White: Up to 400 years

Nozzle Configuration
Color and monochrome heads; 800 nozzles x 10 color channels

Droplet Technology
Smallest Droplet Size: 3.5 picoliters
Variable Droplet Technology can produce up to three different droplet sizes per line

Maximum Resolution
2400 x 1200 dpi

Printer Language/Drivers
Epson Professional Photographic Drivers standard
Epson Intelligent Ink Cartridges
Ink 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

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

Real-Time Black Ink Selection
Dedicated Photo Black and Matte Black ink channels selected automatically based on media type

Roll Media Handling
Maximum Roll Width: 44” (SC-P10000) / 64” (SC-P20000)
Roll Core Diameter: 2” and 3”
Maximum Roll Diameter: 6.7” (170 mm)
Roll Cutting: Internal rotary cutter
Minimum Page Length: 110” plus top and bottom margin
Top/Bottom Margins (mm): Left/Right Margins: 3 mm each side

Printable Area and Accuracy
Maximum Paper Width: 44” (SC-P10000) / 64” (SC-P20000)
Minimum Cut-sheet Size: 8.5” x 11” (Letter) / 11” x 17” (Tabloid)
Recommended Minimum: 11” x 17” (Tabloid)
Maximum Print Length: 590.55”
Line Accuracy: +/- 0.2% of specified length, +/- 0.26 mm min.

Printer Interfaces
USB 2.0, 100/1000Base-T Ethernet
Included: 320GB internal print server

Operating Systems Supported
macOS: 10.12.x – Mac® OS X® 10.7
Windows: 10, 8.1 and 7 (32-bit, 64-bit)

Weight and Dimensions (lb, W x D x H)
SC-P10000: 278 lb, 74” x 38.4” x 45.1”
SC-P20000: 377 lb, 95” x 38.4” x 45.1”

Sound Power Level
SC-P10000: Approx. 67.0 dB(A)
SC-P20000: Approx. 65.3 dB(A)

Environmental Characteristics
Temperature
Operating: 50 °F to 95 °F (10 °C to 35 °C)
(Recommended): 40 °F to 100 °F (4 °C to 38 °C)
Relative Humidity
Operating: 20% – 80% (no condensation)
(Recommended): 20% – 60% (no condensation)

Electrical Requirements
Voltage: AC 110 – 120 V
Frequency: 50 – 60 Hz
Current: 5 A
Power Consumption
Printing: Approx. 95 W
Sleep Mode: Approx. 2.2 W
Power Off: Less than 0.5 W
ENERGY STAR® qualified

Standards and Approvals
Safety Standards: FCC part 15 Subpart B class A
CAN ICES-3(A) / NMB-3 A

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