

SureColor® R5070L

64" Roll-to-Roll Resin
Signage Printer



Maximize productivity with versatile resin ink and dual, bulk ink packs.



PRECISIONCORE™

ULTRACHROME
RS INK

Epson Edge Print PRO

Epson Cloud Solution

PORT™

Amazing image quality — vibrant 6-color resin inks, plus Optimizer, produce astounding-quality prints

Reliable color consistency — delivers consistently high image quality for repeat jobs, brand colors, wall tiling applications and more

Immediate lamination — and high scratch resistance increase total productivity

Ultra low ink costs — features dual 1.5 L¹ bulk ink packs for enhanced efficiency and reduced total cost of ownership

User-replaceable printhead — for convenient self-serviceability and minimal downtime

Supports a diverse range of applications — print adhesive vinyl, banners, wall coverings, uncoated papers and more

Print speed — state-of-the-art PrecisionCore® Micro TFP® printhead delivers high-quality images at true production speeds

Advanced software — simple integration to Epson Cloud Solution PORT² printer monitoring system

Epson signage portfolio — tackle the full spectrum of print jobs with SureColor S-Series and R-Series printers

Designed for use exclusively with Epson ink packs.*

Print

Printing Technology Advanced PrecisionCore Micro TFP 12-channel drop-on-demand, inkjet printhead
Ink Type UltraChrome® RS resin ink
Ink Colors C, M, Y, K, LC, LM, OP, ML
Nozzle Configuration 9,600 Nozzles: 800 nozzles x 2 (C, M, Y, K, OP); 800 nozzles x 1 (LC, LM)
Droplet Technology Variable Droplet Technology
Maximum Resolution 1200 x 2400 dpi
Left/Right Margin (Roll Paper) 0.20" (5 mm)
Printer Language/Drivers Epson ESC/P™ raster
Memory 2GB

Ink

Ink Pack Fill Volume¹ 1.5 L
Ink Case Ink Supply Unit
 This printer is designed for use with genuine Epson packs only, not third-party packs or ink*.

Media Handling

Paper Path Single Roll
Paper Feed Method Friction Feed
Maximum Roll Diameter 9.84" (250 mm)
Maximum Reel Diameter 7.87" (200 mm)
Maximum Roll/Reel Weight 99.21 lb (45 kg)
Paper Width (Roll) 11.81" to 64" (300 mm to 1,626 mm)
Paper Thickness (Roll) Less than 1 mm

General

Control Panel 4.3" Optical Touch Color LCD
Weight and Dimensions (W x D x H)
 116" x 41" x 70" (2,949 mm x 1,045 mm x 1,774 mm)
 Weight: 937 lb (425 kg)
Acoustic Noise Level Approx 66.1 dB
Temperature Operating: 59 °F to 86 °F (15 °C to 30 °C)
Relative Humidity Operating 20% – 80% (no condensation)
 Operating (recommended): 40% – 60% (no condensation)

General (Continued)

Electrical Requirements
 Printer requires two outlets
 Voltage: AC 200 V – 240 V
 Frequency: 50/60 Hz
 Current: 16 A x 2
Power Consumption
 Printing: Approximately 4.6 kW
 Standby: Approximately 220 W
 Sleep Mode: Approximately 44 W
 Power Off: Approximately 1.0 W
Country of Origin China

Standards and Approvals

NRTL certified

Printer Interfaces

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

Operating Systems Supported³

Windows® 10 and 8.1
Epson Edge® Print PRO
 OS: Windows 10/11 64-bit
 CPU: Intel Core i7-14700 or faster
 Memory: 32GB or more
 Storage: 1TB or more
 Communication Interface: Hi-Speed USB/Gigabit Ethernet

Eco Features

GREENGUARD certified
 WEEE compliant
 RoHS compliant
 REACH compliant
 End-of-life options available⁴
 Epson America, Inc. is a SmartWay® Transport Partner⁵

Ordering Information

SureColor R5070L	SCR5070L
Additional Media Edge Plate	C12C941231
Cleaning Liquid	C13T45X100
Thermal Sheet	C12C936551
Additional Waste Ink Bottle	C13S210071
Additional Wiper Unit	C13S210100
Cleaning Kit	C13S210103
Media Cleaner Brush	C12C936031

UltraChrome RS Ink (1,500 mL¹ x 2 Packs)

Black	T45S120
Cyan	T45S220
Magenta	T45S320
Yellow	T45S420
Light Cyan	T45S520
Light Magenta	T45S620
Optimizer	T45S720
Maintenance Liquid	T45S820

Limited Warranty and Service

Warranty 1-year limited in the U.S. and Canada
Service On-Site Repair, usually Next-Business-Day; toll-free telephone support, Monday through Friday

Epson Preferred Plus™ Extended Service Plans⁶

Plans below available only at the time of hardware purchase.	
1-Year Next-Business-Day On-Site Repair ⁷	PSR5070FS1
1-Year Next-Business-Day On-Site Repair ⁷	PSR5070SS1
with Printhead Self-Service ⁸	
2-Year Next-Business-Day On-Site Repair ⁷	PSR5070FS2
2-Year Next-Business-Day On-Site Repair ⁷	PSR5070SS2
with Printhead Self-Service ⁸	
4-Year Next-Business-Day On-Site Repair ⁷	PSR5070FS4
4-Year Next-Business-Day On-Site Repair ⁷	PSR5070SS4
with Printhead Self-Service ⁸	

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

1 Part of the ink from the first cartridges/packs is used for initializing the printer. Ink usage will vary considerably based on images printed, print settings, paper type, frequency of use, temperature and humidity. Variance may be more pronounced when printing infrequently or predominantly with one ink color. Ink is used for printing and printer maintenance, and all colors must be available for printing. For print quality, a variable amount of ink remains after the "replace ink" indicator comes on. | **2** All features of this system require an active Internet connection and the use of a supported browser. | **3** For the latest drivers, visit epson.com/support | **4** For convenient and reasonable recycling options, visit epson.com/recycle | **5** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | **6** Product comes with a 1-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage. | **7** Geographic limitations may apply. Service request must be received and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. See limited warranty or service plan for details. | **8** Customer must sign up for an Epson Cloud Solution PORT account to utilize this plan. All features of this system require an active Internet connection and the use of a supported browser. See extended service plan for details.

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