

# WorkForce<sup>®</sup> Pro WF-R5690

## Replaceable Ink Pack System

PRINT | COPY | SCAN | FAX | ETHERNET | WIRELESS | PCL/PS

Powered by  
**PRECISIONCORE**<sup>™</sup>



Multifunction

WorkForce Pro

**First-in-class Replaceable Ink Pack System** — out of the box, print or copy up to 50,000 colour pages without changing the ink<sup>1</sup>

**MPS ready** — low ink intervention and minimal maintenance

**Powered by PrecisionCore<sup>™</sup>** — the next generation of inkjet printing technology

**Fast output** — prints at speeds of up to 20 ISO ppm (black/colour)<sup>†</sup>

**Professional-quality results** — laser-sharp text and brilliant colours on a wide variety of media

**Heavy-duty, reliable performance** — up to 45,000-page monthly duty cycle<sup>2</sup>

**Do more** — 35-page duplex Auto Document Feeder; auto 2-sided print, copy, scan and fax; Document Capture Pro software included

**IT features** — seamless network integration, plus security features; PCL<sup>3</sup> and PostScript<sup>®</sup> 3<sup>™</sup> support

**Built-in networking** — wired and wireless connectivity plus Wi-Fi Direct<sup>®4</sup>

**Epson Connect<sup>™</sup>** — print from smartphones and tablets<sup>5</sup>; use Epson iPrint<sup>™</sup> for cloud sharing and scanning<sup>6</sup>



*Designed for use exclusively with Epson<sup>®</sup> ink packs\*.*

# WorkForce<sup>®</sup> Pro WF-R5690

## Print

**Printing Technology** PrecisionCore 4S printhead 4-color inkjet  
**Printer Language** Epson ESC/P<sup>®</sup>-R, PCL 5 emulation<sup>3</sup>, PCL 6 emulation<sup>3</sup>, PostScript 3  
**Maximum Print Resolution** 4800 x 1200 optimized dpi  
**ISO Print Speed<sup>†</sup>** Black 20 ISO ppm / Color 20 ISO ppm  
**Two-Sided ISO Print Speed<sup>†</sup>** Black 11 ISO ppm / Color 11 ISO ppm  
**Minimum Ink Droplet Size** 3 droplet sizes, as small as 2.8 picoliters  
**Duty Cycle<sup>2</sup>** Up to 45,000 pages (Recommended monthly page volume: up to 2500 pages)

## Copy

**ISO Copy Speed<sup>††</sup>** Black 19 ISO cpm / Colour 19 ISO cpm  
**Copy Quality** Colour/Black-and-White: Standard/Best  
**Copy Quantity** 1 – 999 (PC-free)  
**Maximum Copy Size** 8.5" x 14"  
**Copy Features** Auto 2-sided, Preview, Resize, ID Copy, Collate, Adjustable Copy Density, Remove Punched Holes, Remove Shadows

## Scan

**Scanner Type** Colour flatbed/Auto 2-sided ADF  
**Photoelectric Device** Colour CIS line sensor  
**Optical Resolution** 1200 dpi  
**Hardware Resolution** 1200 x 2400 dpi  
**Maximum Resolution** 9600 x 9600 dpi interpolated  
**Scanner Bit Depth** 48-bit colour input / 24-bit colour output  
**Scan Features** Scan to PC via Document Capture Pro, Scan to Cloud<sup>®</sup> (including email), Memory Device, Password Protected PDFs

## Fax

Black-and-White and Colour  
 Modem: 33.6 Kbps – as fast as 3 sec per page  
 Memory: Up to 550 pages  
 Speed dials: 200 (max.)  
 PC-Fax

## Security

**Security Features**  
 PIN number certification for job release, Control user access, Printer and network settings via Web Config using printer's IP address, Security SSL, IPsec

## Connectivity

**Standard Connectivity**  
 Hi-Speed USB (compatible with USB 2.0 specification)  
 Wireless LAN IEEE (802.11 b/g/n)<sup>4</sup>  
 Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)  
 Wi-Fi Direct<sup>†</sup>

## Connectivity (continued)

**Network Protocols**  
 TCP/IP v4/v6  
**Network Printing Protocols**  
 IPP, LDP, Port 9100, WSD  
**Network Management Protocols**  
 SNMP, HTTP, DHCP, BOOTP, APIPA, DDNS, mDNS, SNT, Ping, SLP, WSD, LLTD  
**WLAN Security**  
 WEP 64 Bit, WEP 128 Bit, WPA PSK (AES)  
**Operating Systems** Windows<sup>®</sup> 8.x (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista<sup>®</sup> (32-bit, 64-bit), Windows XP SP3 (32-bit), Windows XP Professional x64 Edition, Windows Server<sup>®</sup> 2012 R2<sup>2</sup>, Windows Server 2012<sup>2</sup>, Windows Server 2008 R2<sup>2</sup>, Windows Server 2008<sup>2</sup>, Windows Server 2003 R2<sup>2</sup>, Windows Server 2003<sup>2</sup>, Mac OS<sup>®</sup> X 10.5.8 – 10.10.x<sup>3</sup>, Mac OS X Server<sup>3</sup>

## Mobile Printing

**Epson Connect<sup>®</sup>** Epson Email Print, Epson iPrint Mobile App, Epson Remote Print  
**Other** Apple<sup>®</sup> AirPrint<sup>™</sup>, Google Cloud Print<sup>™</sup>

## Paper Handling

**PC-free Paper Support** Plain (Letter, A4), Photo (Letter, A4, 8" x 10", 5" x 7", 4" x 6")  
**Maximum Paper Size** 8.5" x 47.2"  
**Paper Sizes** 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", 8.5" x 11", 8.5" x 14", A4, A6, half letter, executive, user definable (3.5" – 47.2" in length)  
**Paper Types** Plain paper, Epson Bright White Paper, Epson Presentation Paper Matte, Epson Premium Presentation Paper Matte, Epson Premium Presentation Paper Matte Double-sided, Epson Premium Photo Paper Glossy, Epson Ultra Premium Photo Paper Glossy, Epson Premium Photo Paper Semi-gloss  
**Envelope Types** No. 10; plain paper, bond paper, air mail  
**Input Paper Capacity**  
 500 sheets plain paper (250 sheets plain paper x 2 trays)  
 Rear feed: 80 sheets  
 10 envelopes  
**Auto Document Feeder** 35 sheets

## General

**Display** 4.3" colour touchscreen  
**Temperature**  
 Operating: 50 ° to 95 °F (10 ° to 35 °C)  
 Storage: -4 ° to 104 °F (-20 ° to 40 °C)  
**Relative Humidity**  
 Operating: 20 – 80%  
 Storage: 5 – 85% (no condensation)  
**Sound Level**  
 Power: 5.3 dB(A)  
 Pressure: 52 dB(A)

## General (continued)

**Rated Voltage** AC 100 – 240V Universal (Automatic)  
**Rated Frequency** 50 – 60 Hz  
**Rated Current** 0.8 A – 0.4 A  
**Power Consumption**  
 Approx. 22 W ISO 24712 (Standalone copy printing)  
 Approx. 9.6 W (Standby)  
 Approx. 3.0 W (Sleep)  
 Approx. 0.4 W (Power off) ENERGY STAR<sup>®</sup> qualified  
**Country of Origin** Indonesia  
**Weight and Dimensions (W x D x H)**  
 Printing: 663 x 656 x 514 mm  
 Storage: 663 x 435 x 473 mm  
 Weight: 23.8Kg  
**What's in the Box** Epson WorkForce Pro WF-R5690 multifunction printer, manual, CD-ROM for product setup, power cord, DURABrite<sup>®</sup> Ultra Ink packs<sup>1</sup> – Four R14X ink packs: Black, Cyan, Magenta, Yellow  
**Software Included<sup>®</sup>** Epson printer driver, PCL 5 driver emulation<sup>3</sup>, PCL 6 driver emulation<sup>3</sup>, PostScript 3, Document Capture Pro  
**Warranty** One-year limited warranty

## Ink

**Ink Type** DURABrite Ultra pigment ink (smudge, fade and water resistant)  
**Ink Palette** Cyan, Magenta, Yellow and Black  
**Ink Pack Configuration** Four individual ink packs  
**Fade Resistance / Print Longevity<sup>10</sup>** Up to 118 years  
**Replacement Ink Packs<sup>1</sup>**  
 R14X Black, Cyan, Magenta, Yellow  
 (Yield, ISO pages – Black: 50,000 Colour: 50,000)  
 Printer is designed for use with Epson ink packs only, not third-party packs or ink.

## Eco Features

Save up to 50% of your paper supply with auto 2-sided printing/copying  
 ENERGY STAR qualified  
 RoHS compliant

## Ordering Information

WorkForce Pro WF-R5690 C11CE27501

\*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.

† Black and colour print speeds are measured in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software, and page complexity. For more information, visit [www.epson.com/printspeed](http://www.epson.com/printspeed) | †† Black and colour copy speeds are determined in accordance with ISO/IEC 29183. Actual copy times will vary based on system configuration and page complexity. For more information, visit [www.epson.com/copyspeed](http://www.epson.com/copyspeed) | 1 R14X Black ink pack prints about 50,000 pages. R14X colour packs print about 50,000 pages on average. Actual number of pages will vary. Replacement ink pack yields are based on testing with ISO/IEC 24712 patterns with Epson's methodology in Default Mode, printing continuously. Yields may vary considerably for reasons that include images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink colour. All ink colours are used for printing and printer maintenance. For print quality, part of the ink from the included cartridges or ink packs is used for printer startup and a variable amount of ink remains in the ink pack after the "replace ink pack" signal. | 2 Monthly duty cycle up to 45,000 is the highest duty a user could expect in a month, based on near-constant operation of a device of this kind. It is not recommended that the device be run at this duty. For best device performance, run the device at the recommended duty of 2500 pages per month. | 3 Not all media types are supported for PCL printing. | 4 Wi-Fi CERTIFIED™; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | 5 Most features require an Internet connection to the printer, as well as an Internet- and/or email-enabled device. For a list of Epson Connect enabled printers and compatible devices and apps, visit [www.epson.com/connect](http://www.epson.com/connect) | 6 Scan to cloud requires an internet connection, a free Epson Connect account and a destination email address or cloud storage account. For a list of supported cloud services, visit [www.epson.com/connect](http://www.epson.com/connect) | 7 Only printing and scanning are supported under Windows Server OS. | 8 Some applications and/or functions may not be supported under Mac OS X. | 9 Internet access is required to install OS X drivers and software. | 10 Display permanence based on accelerated testing of prints displayed under glass in indoor display conditions; album permanence based on accelerated testing of prints in dark storage conditions. Actual print stability will vary according to media, printed image, display conditions, light intensity, temperature, humidity and atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or UV filter or properly store them.

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