

WorkForce® Pro WF-R5690

Replaceable Ink Pack System

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



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 ink¹

MPS ready — low ink intervention and minimal maintenance

Powered by PrecisionCore™ — the next generation of inkjet printing technology

Fast output — prints at speeds of up to 20 ISO ppm (black/colour)[†]

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 cycle²

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; PCL³ and PostScript® 3™ support

Built-in networking — wired and wireless connectivity plus Wi-Fi Direct^{®4}

Epson Connect™ — print from smartphones and tablets; use Epson iPrint™ for cloud sharing and scanning⁶



Designed for use exclusively with Epson® ink packs.*

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Print

Printing Technology PrecisionCore 4S printhead 4-color inkjet
Printer Language Epson ESC/P®-R, PCL 5 emulation³, PCL 6 emulation³, PostScript 3
Maximum Print Resolution 4800 x 1200 optimized dpi
ISO Print Speed¹ Black 20 ISO ppm / Color 20 ISO ppm
Two-Sided ISO Print Speed¹ Black 11 ISO ppm / Color 11 ISO ppm
Minimum Ink Droplet Size 3 droplet sizes, as small as 2.8 picoliters
Duty Cycle² Up to 45,000 pages (Recommended monthly page volume: up to 2500 pages)

Copy

ISO Copy Speed^{1†} 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 Cloud⁶ (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)⁴
Wired Ethernet (1000 Base-T/100 Base-TX/10 Base-T)
Wi-Fi Direct⁴

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, SNTp, Ping, SLP, WSD, LLTD
WLAN Security
WEP 64 Bit, WEP 128 Bit, WPA PSK (AES)
Operating Systems Windows® 8.x (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista® (32-bit, 64-bit), Windows XP SP3 (32-bit), Windows XP Professional x64 Edition, Windows Server® 2012 R2⁷, Windows Server 2012⁷, Windows Server 2008 R2⁷, Windows Server 2008⁷, Windows Server 2003 R2⁷, Windows Server 2003⁷, Mac OS® X 10.5.8 – 10.10.x⁸
Mac OS X Server⁸

Mobile Printing

Epson Connect⁵ Epson Email Print, Epson iPrint Mobile App, Epson Remote Print
Other Apple® AirPrint™, Google Cloud Print™

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® 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® Ultra Ink packs¹ – Four R14X ink packs: Black, Cyan, Magenta, Yellow
Software Included⁹ Epson printer driver, PCL 5 driver emulation³, PCL 6 driver emulation³, 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 Longevity¹⁰ Up to 118 years
Replacement Ink Packs¹
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/printsprint | †† 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 | 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 | 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 | 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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