EPSON
EXCEED YOUR VISION

SPECIFICATION SHEET

Multifunction

Workgroup

WorkForce® Pro WF-R5690

with Replaceable Ink Pack System

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

Powered by
PRECISIONCORE®

A powerful multifunction printer that drives productivity for workgroups.

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

Low intervention — Replaceable Ink Pack System lets you print up to 50,000 ISO pages without changing the ink packs[1]; up to 580-sheet total paper capacity with optional second paper tray

ENERGY STAR

Fast output — prints at speeds of 20 ISO ppm (black) and 20 ISO ppm (color)†

Do more — 35-page duplex Auto Document Feeder; auto duplexing (print, copy, scan, fax); Document Capture Pro software included

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

Duty cycle — up to 45,000-page monthly duty cycle[2]

Drivers and utilities — Universal printer driver; PCL[3] and genuine Adobe® PostScript® 3™ support

Security features — PIN number certification for job release; user control access, printer and network settings via Web Config with printer's IP address; SSL/TLS security; IPsec

Built-in connectivity — includes Ethernet, USB, wireless b/g/n[4] and Wi-Fi Direct®[4]; easily print from tablets and smartphones[5], including remote printing and access to Cloud

Enabled for remote printer data collection — compatible with MPS software solutions from PrintFleet®, ECi (FMAudit®), Print Audit and others

Designed for use exclusively with Epson® ink packs.*

BUILT TO PERFORM®

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Print

Printing Technology PrecisionCore 4S printhead 4-color inkjet
Printer Language Epson ESC/P®-R, PCL 5 emulation[3], PCL 6 emulation[3], PostScript 3
Maximum Print Resolution 4800 x 1200 optimized dpi
ISO Print Speed† Black 20 ISO ppm / Color 20 ISO ppm
Two-Sided ISO Print Speed† Black 11 ISO ppm / Color 11 ISO ppm
Maximum Draft Print Speed†† Black 34 ppm / Color 34 ppm
Minimum Ink Droplet Size 3 droplet sizes, as small as 2.8 picoliters
Duty Cycle[2] Up to 45,000 pages (Recommended monthly page volume: up to 2500 pages)

Copy

ISO Copy Speed††† Black 19 ISO cpm / Color 19 ISO cpm
Copy Quality Color/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 Color flatbed/Auto 2-sided ADF
Photoelectric Device ColorCIS line sensor
Scanbed Size 8.5" x 14"
Optical Resolution 1200 dpi
Hardware Resolution 1200 x 2400 dpi
Maximum Resolution 9600 x 9600 dpi interpolated
Scanner Bit Depth 48-bit color input / 24-bit color output
Scan Features Scan to PC via Document Capture Pro, Scan to Cloud[6] (including email), Memory Device, Password Protected PDFs

Fax

Black-and-white and Color
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, user control access, printer and network settings via Web Config using printer's IP address, SSL/TLS security, 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 Direct[4]
Network Protocols
TCP/IP v4/v6

Connectivity (continued)

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® 10 (32-bit, 64-bit), Windows 8 (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 R2[7], Windows Server 2012[7], Windows Server 2008 R2[7], Windows Server 2008[7], Windows Server 2003 R2[7], Windows Server 2003[7], Mac OS® X 10.5.8 – 10.11.x[8]
Mac OS X Server[8]

Mobile Printing

Epson Connect™[5] Epson Email Print, Epson iPrint™ Mobile App, Epson Remote Print
Other Apple® AirPrint®, Google Cloud Print™, Fire™ OS

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" color 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)
Rated Voltage AC 100 – 240 V Universal (Automatic)
Rated Frequency 50 – 60 Hz

General (continued)

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
Typical Energy Consumption (TEC)[9]
0.505 kWh
Safety Approvals
Safety standards UL60950, CSA C22.2 No. 60950
EMI FCC Part 15 subpart B class B,
CAN/CSA-CEI/IEC CISPR 22 class B
Telecom Regulations FCC Part 68 (U.S.A.), IC/CS03 (Canada)
Country of Origin Indonesia
Weight and Dimensions (W x D x H)
Printing: 26.1" x 25.8" x 20.2"
Storage: 26.1" x 17.1" x 18.6"
Weight: 52.5 lb
What's in the Box Epson WorkForce Pro WF-R5690 multifunction printer, CD-ROM for product setup, power cord, DURABrite® Ultra Ink packs[1] – Four R14X ink packs: Black, Cyan, Magenta, Yellow
Software Included[10] Epson printer driver, PCL 5 driver emulation[3], PCL 6 driver emulation[3], PostScript 3, Document Capture Pro
Warranty One-year limited warranty in the U.S. and Canada

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[11] Up to 118 years
Replacement Ink Packs[1]
R14X Black, Cyan, Magenta, Yellow
(Yield, ISO pages – Black: 50,000, Color: 50,000)
R12X Black, Cyan, Magenta, Yellow
(Yield, ISO pages – Black: 20,000, Color: 20,000)
R12 Black, Cyan, Magenta, Yellow
(Yield, ISO pages – Black: 10,000, Color: 10,000)
Printer is designed for use with Epson ink packs only, not third-party ink systems*.

Eco Features

Save up to 50% of your paper supply with auto 2-sided printing/copying
ENERGY STAR qualified
RoHS compliant
Recyclable product[12]
Epson America, Inc. is a SmartWay® Transport Partner[13]

Ordering Information

WorkForce Pro WF-R5690	C11CE27201
Maintenance box	T6710

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

† Black and color 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 | †† Maximum pages per minute (PPM) are measured after first page with text patterns in Draft Mode on plain paper. Actual print times will vary based on system configuration, software, and page complexity. | ††† Black and color 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** Ink pack yields are estimated based on ISO/IEC 24711 test in Default Mode printing continuously. Ink pack yields vary considerably for reasons including printed images, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. All ink colors are used for printing and printer maintenance, and all colors have to be installed for printing. For print quality, part of the ink from the included ink packs is used for printer startup and a variable amount of ink remains in the ink pack after the "replace ink pack" signal. For details, see www.epson.com/cartridgeinfo | **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** Based on ENERGY STAR TEC measurement methodology; 288 prints/day; actual electricity consumption may vary depending on printer use. For more information, see www.energystar.gov |**10** Internet access is required to install OS X drivers and software. | **11** 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. | **12** For convenient and reasonable recycling options, visit www.epson.com/recycle | **13** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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Name

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