Epson Stylus Pro 7890 and 9890

The 24" 7890 and the 44" 9890 offer accurate colour reproduction with unbeatable productivity. Designed with the print needs of the commercial photography and fine art markets in mind, yet also representing a sound choice for the proofing market.

Key Features

- Wide colour gamut and smooth gradation
- Automatic colour certification and calibration for consistent colour matching
- Automated production with optional inline SpectroProofer
- Superior greyscale reproduction
- Print speeds of up to 40 m² per hour
- ENERGY STAR® qualified

The wide colour gamut and consistently smooth gradations make for better-than-lab-quality photos and proofs. And the high colour-match rate and superior print quality come from the 9-colour UltraChrome K3 with Vivid Magenta ink, incorporating auto selection of photo and matte black inks. This ink set offers a superior level of greyscale reproduction, thanks to three densities of black. Either a standard photo or matte black (depending on the media) is used along with light black and light light black to create true black and white images. In addition to improving the grey balance and eliminating colour casts, this combination of blacks creates a smoother tonal range with a natural look.

The latest print head technology gives superior dot quality for crisp, clear images with maximum detail. Photographers and proofers can also authenticate colours, thanks to the optional inline SpectroProofer. This provides automatic colour certification and calibration, as well as helping to create ICC profiles at speed.

Productivity is boosted thanks to print speeds of up to 40 m² per hour, while effort spent changing cartridges is reduced with pre-installed photo and matte black ink. Blocked nozzles are a thing of the past as the Automatic Ink Droplet Detection System detects and fixes the problem without intervention. Time-saving features include a built-in rotary knife to speed up throughput and a spindles supply reel to change paper rolls easily. Operators can also monitor their work with the 2.5-inch colour LCD screen.

Specifications for the Epson Stylus Pro 7890/9890

Print technology

- Printing method – Epson Micro Piezo advanced TFP printhead
- Nozzle configuration – 360 nozzles / 8 channels
- Minimum ink droplet volume – 3.5pl with Variable-size Droplet Technology

Print resolution

- 2880 x 1440 dpi

Ink set

- 9-colour Epson UltraChrome (K3 +VM Ink; Pk, Mk, Lk, LLK, C, VM, Lc, VLm, Y)

Print speed

- Draft mode up to 40 m² per hour
- Photo-quality production mode 8.2 minutes for A1-size print (720 x 1440 dpi)

Paper handling

Roll paper
- 2-inch core: Max ø 103 mm (~45 m)
- 3-inch core: Max ø 150 mm (~202 m)

Roll dimensions (width)
- 24": 254-610 mm
- 44": 254-1118 mm

Cut sheet (width)
- 24": 210-610 mm
- 44": 210-1118 mm

Printing area (width)
- 24": Roll paper: 406-610 mm, Cut Sheet: 210-431.8 mm
- 44": Roll paper: 406-1118 mm, Cut Sheet: 210-431.8 mm

Thickness
- 0.08-1.50 mm

Control panel

- 2.5" colour LCD with backlight

Interface

- USB Hi-speed USB – compatible with USB 2.0 specification
- Ethernet 100 BASE-TX, 10BASE-T

Electrical specification

Power consumption
- ENERGY STAR® qualified Tier2 compliant
- Operating:
  Epson Stylus Pro 7890: 70W
  Epson Stylus Pro 9890: 80W
  Sleep mode: less than 16 W
  Standby: less than 1 W

Voltage
- AC 110-240V

Driver

- Windows XP/XP 64-bit; Windows Vista 32-/64-bit; Mac OS 10.3.9 or later

Dimensions/Weight

Dimensions (W x D x H)[1]
- Epson Stylus Pro 7890: 1,356 x 667 x 1,218 mm
- Epson Stylus Pro 9890: 1,864x 667 x 1,218 mm

Weight[1]
- Epson Stylus Pro 7890: 84.5 kg
- Epson Stylus Pro 9890: 116 kg

Noise level

- 50 dB

Spectroproofer specification

Measurement device
- X-rite ILS20EP/ILS20EPUV

Backing
- White or Black; IS0 13655 compliant

Measurement area
- Spot measurement width:
  Epson Stylus Pro 7890: 455 mm
  Epson Stylus Pro 9890: 963 mm
- Length 1,500 mm maximum

Environmental characteristics

Temperature
- Operating: 10-35 ˚C
- Storage: -20-40 ˚C

Humidity
- Operating: 30-80 %
- Storage: 5-85 % (no condensation)

Dimensions/Weight

Dimensions (W x D x H)[1]
- Epson Stylus Pro 7890: 791 x 199 x 270 mm
- Epson Stylus Pro 9890: 1,299 x 199 x 270 mm

Weight[1]
- Epson Stylus Pro 7890: 9 kg
- Epson Stylus Pro 9890: 13.5 kg

Electrical specification

Power comsumption
- Operating: 8.5 W
- Ready: 5 W
- Sleep mode: 3.5 W

Voltage
- AC 100-240 V; 50/60 Hz

Noise level

- < 60 dB

[1] Excludes Backing, Calibration tile and ILS20EP.
[2] The Epson Stylus Pro 7890 is supplied with 110 ml starter cartridges.

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