Epson® SureLab® D870

Professional Minilab Printer

Sales Reference Guide v2.1

Official Team Partner

EPSON
EXCEED YOUR VISION

AMG PETRONAS MOTORSPORT

© Joey Ikemoto Photography

More Control. More Profit

Empowering the event and portrait photography market, the Epson SureLab D870 professional minilab printer offers exceptional image quality in a compact design for flexibility and scalability with outstanding print speeds for demanding photo production.

Introducing the Epson SureLab D870

EPSON

Print Output Path

USB 2.0

Media Loading Button

Built-in Rotary Cutter

Decurler / Dryer

Replaceable Maintenance Tank

Trim Catch Basket/ Dust Box

Left Ink Cartridge Compartment

Right Ink Cartridge Compartment

Y   LC   C

LM   K   M

Roll Media Source

EPSON
SureLab D870

Entire Printer Operation is from the front (ink, media loading, media output)

$2,295 Estimated Purchase Price

EPSON

13.9"

8.3" print width

18.1" (total width)

50.7 lbs

16.9" total depth

EPSON
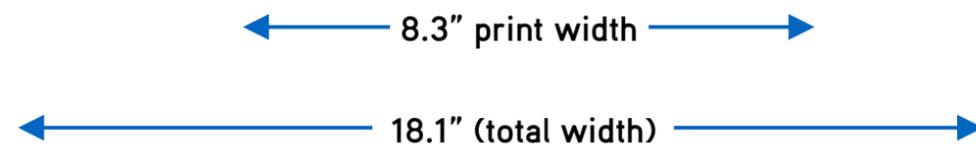
■ Exceptional Print Speeds

- Well-suited for event photography, the SL-D870 prints up to **430** 6″x4″, **275** 5″x 7″, and **140** 8″x10″ photos in an hour.[1]

■ UltraChrome® D6r-S

- Wide-gamut, 6-color inkset for stunning water-, smudge-, and fade-resistant prints[2]

■ Outstanding Image Quality and Detail

- Epson's Advanced MicroPiezo® AMC® printhead driven by AccuPhoto® D6 image processing and screening technology ensures accurate control of the droplet sizing (as small as 2.5 pl) and precisely places each ink droplet for sharp images, fine details, and vibrant, colorful prints.

■ True Photographic Finishes

- Prints on a wide range of media including glossy, luster, and matte surfaces up to 8.3″ x 39″.

The industrial-level, print engine is designed for high-volume printing and event photography in a compact size.

EPSON
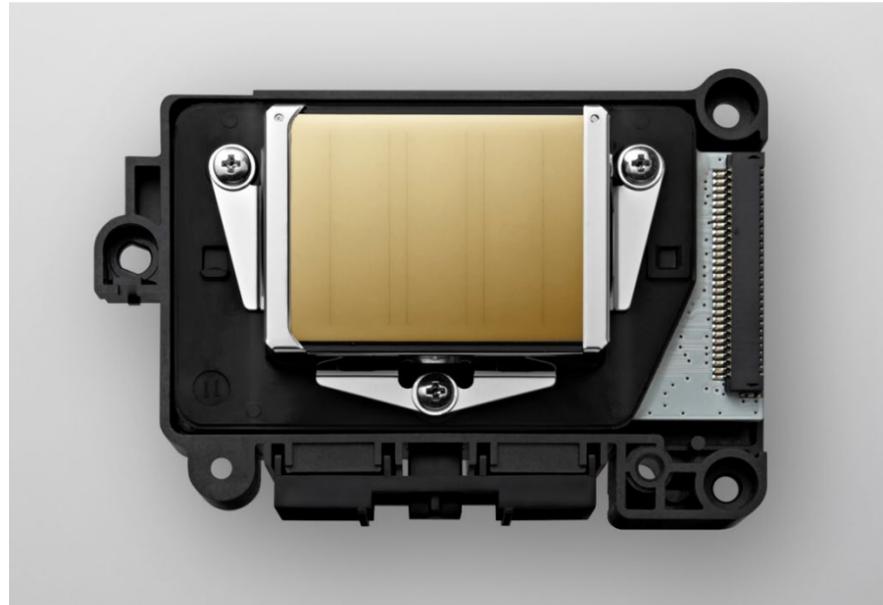
Advanced MicroPiezo AMC Printhead

■ Industrial Printhead Technology

- 6-channel, one-inch wide, Advanced MicroPiezo AMC printhead with 180 nozzles per channel

- Ink-repelling surface coating for more precisely shaped droplets and reduced nozzle clogging

■ High-Resolution Printing

- Capable of printing up to 1440 x 1440 dpi

- Supports variable-sized droplet technology with droplets as small as 2.5 picoliters

■ Automatic Head Maintenance and Cleaning

- Sensor automatically detects any missing or misfiring nozzles without using media

- Automatic cleaning without user interaction

- Printless nozzle check reduces paper use

EPSON

200 mL UltraChrome D6-S Ink Cartridges
Standard Edition ink set shown
(no ink cartridges included in-box)

■ Advanced Dye-Based Ink Chemistry

- Strong colorant bonds make prints water, smudge and fade resistant[2]

- Based on the same chemistry as UltraChrome D6 used in the SureLab D3000

- These printers are designed for use with Epson cartridges only, not third-party cartridges or ink[3]

■ Wide Color Gamut

- True-to-life photographic reproduction with an advanced, 6-color inkset.

- Reproduces subtle tones in portrait photos with smooth transition and crisp, sharp details

■ High-capacity Cartridges

- Large 200 mL individual ink cartridges

- Ideal for production printing

- Self-contained and portable, great for on-site events

EPSON

■ Professional Roll Media Handling

- Power-driven for simple loading and unloading of 5-, 6-, and 8-inch roll media

- Supports 210 foot roll lengths

- Full four-sided BorderFree® in frame-ready photo sizes: 3.5″x5″, 4″x6″, 5″x7″, 8″x10″, 8″x12″

- Custom four-sided BorderFree prints for square (5″x5″, 6″x6″, 8″x8″) or other sizes

- Long panorama printing on any roll width

■ Auto-Drying and Decurl Module

- Prints are flat and dry right out of the printer.

■ High-Speed Rotary Cutting

- Smooth single-pass cuts

EPSON

Auto Nozzle Detection and Cleaning

- Sensor automatically detects any missing or misfiring nozzles without using media

- Automatic cleaning without user interaction

Paper Dust Removal System

Before

After

No Daily Maintenance Required

- Operator only needs to replace ink cartridges, the maintenance cartridge, and photo paper.

- Routine maintenance to clean paper dust estimated at once per quarter depending on environment and usage.

EPSON

Media Loading Button

Finger Holes
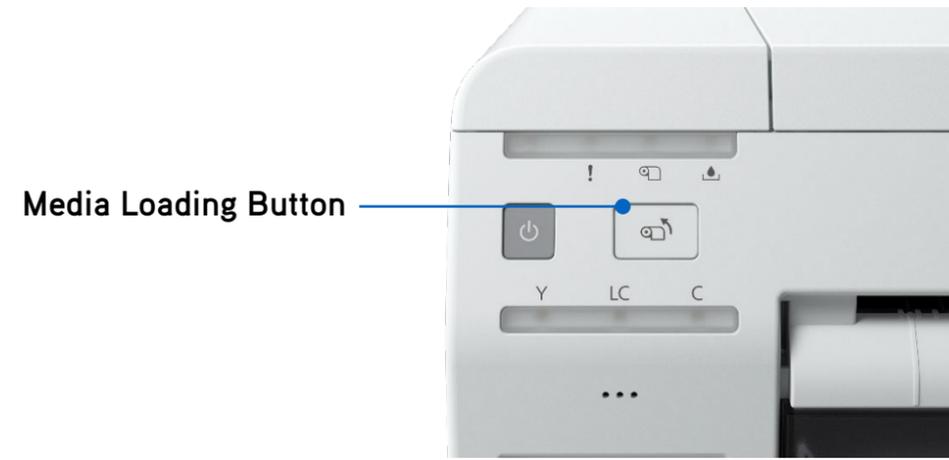
Adjustable Output Print Tray

■ **New Media Eject Button**

- Simplify unloading and changing media and reduce cycle time

■ **New Internal Media Spindle**

- Redesigned Spindle making it easier to load or change heavy media rolls

■ **New Minimum Media Width**

- 4" → 3.5" – Smaller cards and media sizes are now supported

■ **Quick Print Mode**

- First print out time reduced for print-on-demand applications

■ **New Output Print Tray**

- Robust acrylic print tray more professional for studio installations

- Adjustable for different sized media and prints

EPSON

Dashboard Printer Status

Perform Easy Maintenance and Cleaning

Printer Settings and Operation Presets

Media Settings and Alignments

Printer Status and Error

Simple printer operation and settings in one standalone software utility

EPSON

■ Photographic Roll Media

- Available surfaces: Glossy, Luster, and Matte (Matte coming Q4)

- Available in three widths: 5″, 6″ and 8″ widths.

- Compatibility tested and verified with the SureLab D870

- Profiles Included in the Microsoft® Windows® and Apple® macOS® driver
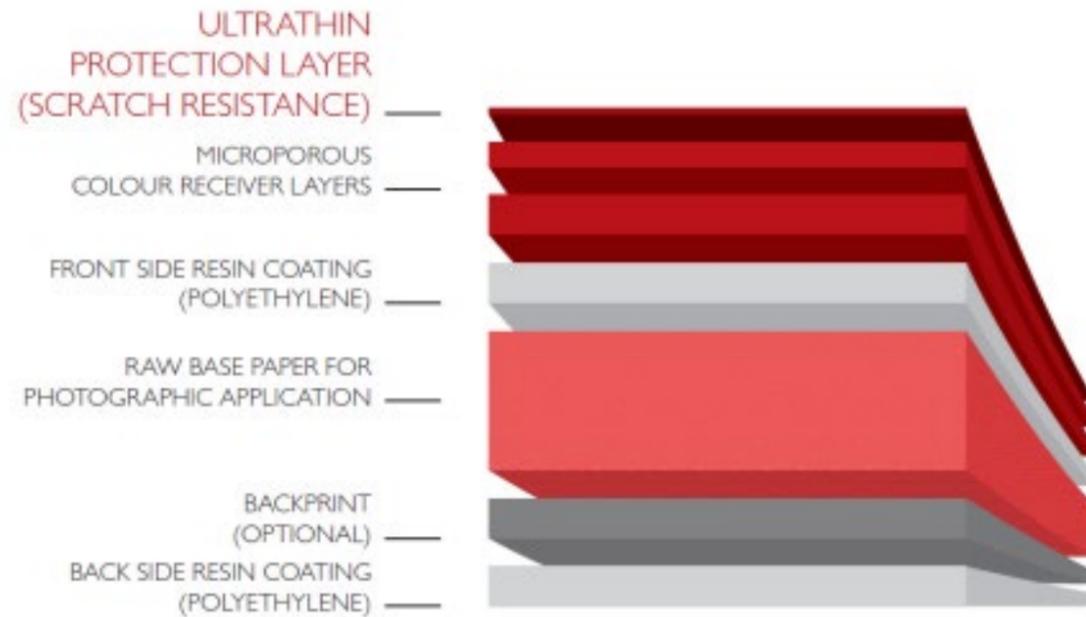
■ Protection Layer for added durability

- Offers maximum scratch resistance

- Excellent fade resistance

- Smudge- and fingerprint-resistant

- Consistent coating and surface gloss level

ULTRATHIN
PROTECTION LAYER
(SCRATCH RESISTANCE)

MICROPOROUS
COLOUR RECEIVER LAYERS

FRONT SIDE RESIN COATING
(POLYETHYLENE)

RAW BASE PAPER FOR
PHOTOGRAPHIC APPLICATION

BACKPRINT
(OPTIONAL)

BACK SIDE RESIN COATING
(POLYETHYLENE)

EPSON

■ **Standard 1-Year Epson Preferred[SM] Limited Warranty**

- Free technical support Monday through Friday

- If required, support provides <u>whole unit exchange</u>[4]

- Covers the printer, genuine Epson optional accessories, and included software

■ **Optional Epson Preferred Plus Service Plans**

- Provides contract service coverage when the standard limited in-box warranty ends

- Can be purchased in 1 year increments at any time while still under an Epson Preferred Limited Warranty

- Stackable up to 3 years of complete coverage from Epson

EPSON

■ **Exceptional Print Production Speeds**

- Ideal for event photography and portrait printing – 430 4" x 6" prints per hour

■ **Epson UltraChrome D6r-S Dye-Based Ink Technology**

- Wide color gamut ink set, exceptional image quality, and water, smudge, and fade-resistant prints

- Low running costs with high-capacity 200 mL ink cartridges

■ **Flexible Photo Sizes**

- Borderless prints in standard frame-ready sizes, even square and panoramic

- Paper available in luster, glossy, and matte finishes

■ **Supported by Industry-Leading Advanced Workflow Software**

- Easy to use, Microsoft Windows and Apple macOS drivers work with virtually any front-end software package

- Epson printers have broad support from Windows-based software and digital front end developers worldwide
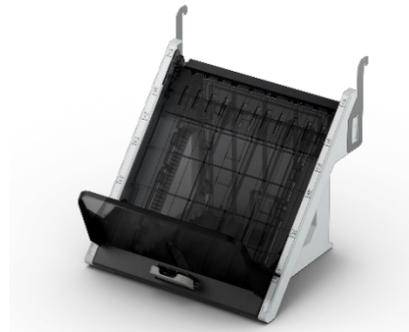
EPSON®

Replacement
Ink Maintenance Tank

New Rigid Print Tray

Ink Cartridges

Description	Part Number
SureLab D870 Printer – Standard Edition	**SLD870SE**
Replacement Ink Maintenance Tank *(existing)*	T582000
Rigid Print *Tray* (new)	C12C934781
Spindle Unit for the SL-D870	C12C934881
Additional 1-year Epson Preferred Plus Service (stackable up to 2 additional years)	EPPSLDSB1

Description	Part Number	Description	Part Number
Black Ink Cartridge	T43S120	Photo Glossy 5" x 213' (2 rolls)	S450294
Cyan Ink Cartridge	T43S220	Photo Glossy 6" x 213' (2 rolls)	S450295
Magenta Ink Cartridge	T43S320	Photo Glossy 8" x 213' (2 rolls)	S450296
Yellow Ink Cartridge	T43S420	Photo Luster 5" x 213' (2 rolls)	S450297
Light Cyan Ink Cartridge	T43S520	Photo Luster 6" x 213' (2 rolls)	S450298
Light Magenta Ink Cartridge	T43S620	Photo Luster 8"" x 213' (2 rolls)	S450299

Note: Ink cartridges are NOT included in printer box

EPSON

Specifications are subject to change without notice.

1. Print speeds are based on High-Speed print engine speed, measured from the start of printhead movement over the page to drop ink, excluding the first print. Stop time is based on printhead moving to Park position. Total times depend upon front-end software, file, size, printer resolution, networking, number of pages per print job, and frequency of jobs.

2. Smudge, water and fade resistant prints on Epson Genuine Photo Media only. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity and atmospheric conditions. Epson does not guarantee longevity of prints. For maximum print life, properly store prints.

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

4. For details on the SureLab D870 Limited Warranty see the full document in Manuals and Warranty section of www.epson.com/support/D870

EPSON