

adelco CTS InkPro

The Adelco InkPro industrial **Computer to Screen** solution, has a **higher resolution** than any other inkjet system on the market. With **superior image integrity**, richer details and smoother halftone transitions. All at a **low price** point, ensuring the best value on the market.



Adelco's **InkPro** CTS system, is a high speed, high resolution industrial computer to screen imaging system based on **inkjet printing technology**, that directly generates and exposes opaque images on emulsion - coated screens with UV-blocking ink so that users can reduce the time and effort required for screen preparation.

- **High Resolution**

Utilising the advantages of higher resolution inkjet technology, Adelco **InkPro** has the ability to print computer-to-screen images with richer details and smoother halftone transitions, which are superior to traditional film positives.

- **Optional on board exposure lamp available**

The specially formulated UV-blocking ink also works well on **ALL emulsions on the market.**

- **Easy to integrate**

The screens produced by the **InkPro** are compatible with existing standalone exposure equipment for subsequent exposure. Easy to integrate into current screen printing production lines.

- **High Efficiency**

Exposes screens in less than **60 seconds.**

- **Low Cost**

Elimination of film positives. Litho film is becoming increasingly expensive, and the suppliers on the market are decreasing. One procedure of CTS digital screen making, **replaces five procedures of the conventional process.**

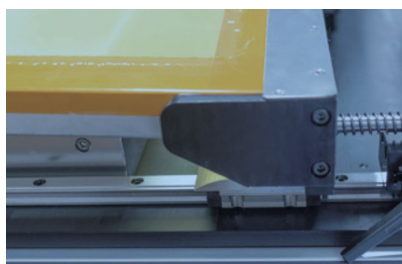
- Professional ColorPRINT server RIP Software for an **efficient workflow.**

- Adjustable frame fixture provides **fast setup for screen frames** upto 635mm x 914.4 mm (25" x 36")

- Print head maintenance module allows **automatic purging, wiping and capping.**

Specifications

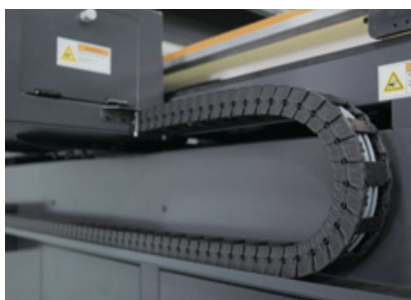
Specification	Adelco InkPro
Application	Textile, decals, labels, decorations, etc.
Max Screen Frame Size	635 x 914.4 mm (25" x 36")
Max Image Size (mm)	508 x 660.4mm (20" x 26")
Machine dimensions	1520 x 1700 x 1350 mm (W x D x H)
Screen profile	250.8 mm (2")
Print Technology	DOD piezoelectric inkjet print technology
Print Head	600 DPI Ricoh gen 6 piezo print head
Print Head Control	Auto voltage & temp control, auto print head maintenance, variable droplet size control for grayscale printing.
Exposure time	Under 60 seconds
Resolution	1440 x 1200 dpi
Ink	Black, UV blocking, Ink tank : 1 litre
File Format	Includes PDF, EPS,PS, TIFF, PSD, etc.
Color mode	Monochrome
Connections	15W/20W/25W (optional)
Machine size mm	1600 x 1350 x 1550 2700 x 1550 x 1600
Power requirements	Single Phase 220V, ±10% 50/60HZ AC 10 amps max 1000W
Equipment Conditions	Yellow/dark room - Altitude up to 1000m Temperature 16 - 28°C. (61b - 82°F) 40 - 60% relative humidity (recommended)
Software	ColorPRINT server RIP software, Print production software (PPS) Print control software (PCS)



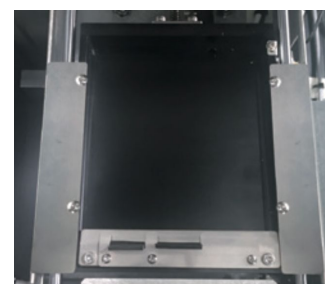
Adjustable Frame Fixture



Locating blocks



Shuttle Gantry Design



Print Head Maintenance Module