KIP 720

CIS SCANNING SYSTEM
WITH ADVANCED KIP REAL TIME
THRESHOLDING TECHNOLOGY
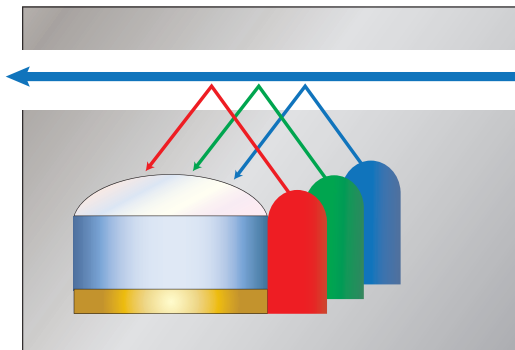
KIP 720 SCANNING SYSTEM

KIP 720 Image Scanner

The KIP 720 colour & monochrome scanner delivers large format scanning and copying functionality with world-class scanning speeds and unbeatable image accuracy.

The KIP 720 large format scanner is a 24-bit, 914 mm wide full-colour image capture system perfect for processing photographs, complex maps, and AEC/CAD drawings. The KIP 720 scanner provides unparalleled scanning speeds of 7.6m/min (monochrome) and 3m/min (full-colour) when scanning at 300 dpi.

Benefits of CIS Scanning Technology
Sharp Image Scanning

The KIP 720 CIS (Contact Image Sensor) technology scanning method enables high resolution, high speed image capture with energy saving operation in a light, compact and portable design.

CIS technology features a series of Red, Green and Blue lights that illuminate in turn to capture image data related to each colour.

Key Features

- **914 mm wide**

- **Face-up document scanning**

- **True 600 x 600 dpi optical resolution**

- **CIS scanning technology provides high definition scans**

- **Real Time Thresholding Technology (RTT)**

- **No folded optics – no warm-up time**

- **Scan speeds up to 7.6mm (B/W) & 3m/min (full-colour) at 300 dpi**

- **0.1% scanning accuracy**

- **High resolution, high speed user-friendly operation with smart energy usage for maximum environmental conscientiousness**

- **High Definition scanning that advances graphical image capture possibilities**
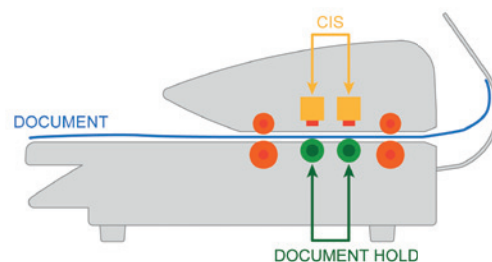
Advanced RTT Technology

KIP's Real Time Thresholding technology automatically optimises background levels for each original, creating smooth reproductions of halftone gradients. KIP RTT technology automatically adjusts the threshold levels on a standard A1 size document over half a million times per scan!

Full Colour Workflow Integration

The KIP 720 stand-alone scanner system provides accurate, professional results based on true 600 dpi optical resolution and 24-Bit colour imaging technology. Scan full-colour technical documents, maps, posters and photos into a variety of file formats for email, archive and print purposes.

A specialised support system under the document enhances feed reliability.

Productive:

- **High speed, high resolution CIS document image capture**
- **4.5 seconds monochrome A1 Size**
- **14 seconds colour A1 Size**

Quality:

- **High resolution, 600 dpi scanning**
- **24-Bit colour depth**

Responsive:

- **Ready in less than 10 seconds**

Earth Concious:

- **Compact & Lightweight**
- **Compatible with Energy Star program & RoHS**
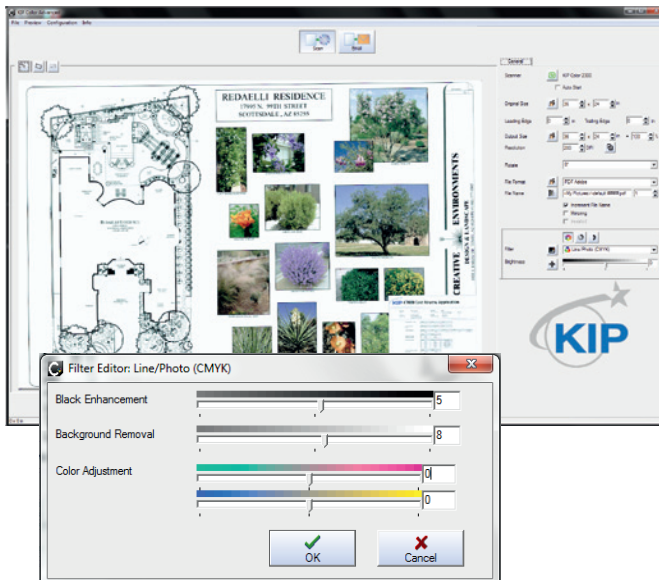- **Scans recycled medias**

KIP COLOUR PRO & ADVANCED

KIP Colour Advanced

KIP Colour Advanced is a versatile colour scan, copy and image distribution application designed to meet the everyday demands of advanced operators when used from either the KIP touchscreen or a PC workstation.

- Integrates with single or multiple printers
- Advanced colour controls & copy count
- Supports a full range of colour file formats
- Scan to email, USB drives, mailboxes or network
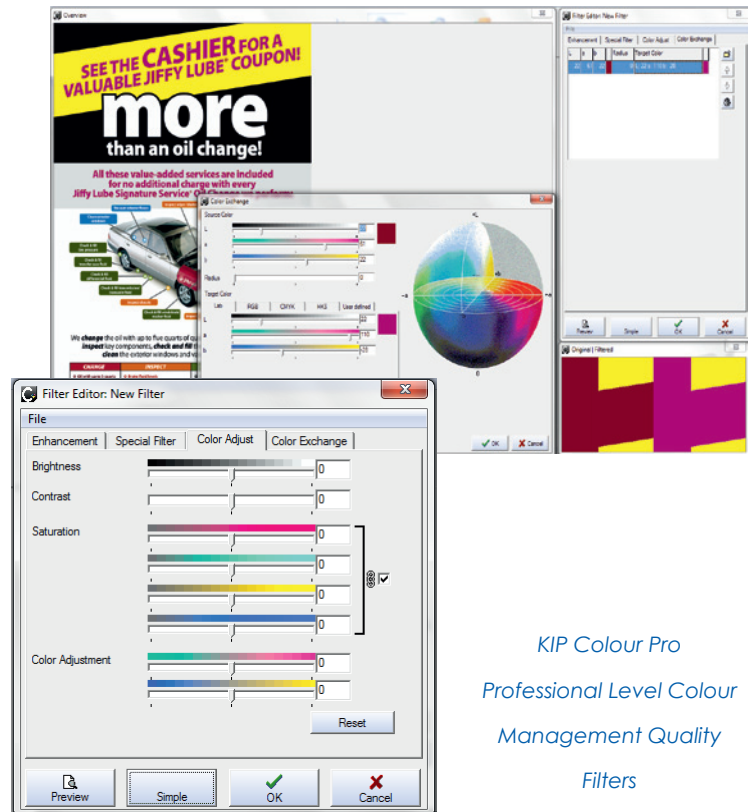- Quality presets for various original types

KIP Colour Pro

KIP Colour Pro software provides all the features of KIP Colour Advanced, plus file to print, professional ICC colour management, image editing capabilities, paneling of images for outdoor graphics, nesting of images for optimum media usage and much more.
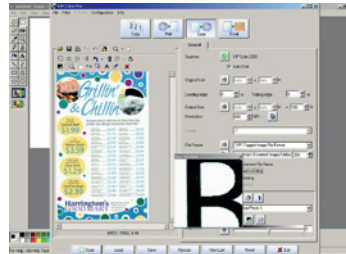
- Supports a full range of colour file formats
- Create, edit & save image quality filters
- Integrates with single or multiple printers
- Accurate colour from closed-loop calibration
- Professional grade image enhancement options
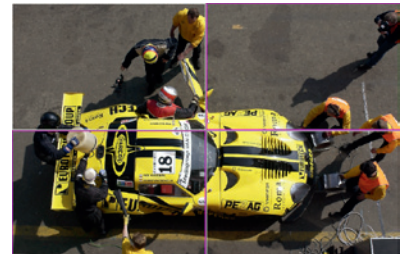- Scan to email, USB drives, mailboxes or network

KIP Colour Advanced Quality Filters

KIP Colour Pro

Professional Level Colour

Management Quality

Filters

Copy, Print & Scan

Professional Image Editor

Copy & Print Paneling

KIP Colour Software Features	Pro	Adv
Single and Collated Sets Copying	•	•
Mixed B&W and Colour Imaging	•	•
Scale by Factor, Page Size, Auto	•	•
Image Preview	•	•
Auto Image Deskew	•	•
Auto Start for Fast Document Feeding	•	•
Copy to all KIP printers	•	•
Concurrent Copy and Print	•	•
Scan to File & Copy in Parallel	•	•
KIP Cost Review Application Integration	•	•
KIP Track System	•	•
Scan Features		
Auto Detect Original Size	•	•
Scan Area of Interest / Scan to Specific Size	•	•
Wide Variety of Formats	•	•
Scan to Email (Full Image or Area of Interest)	•	•
Mono / Greyscale / Colour Scanning	•	•
Scan to Multipage PDF and TIF	•	•
Supports PDF Security Protocols	•	•
Scan Image Compression (Variable)	•	•
Graphics Viewer/Editor for Despeckle/Deskew	•	
Auto Increment of File Name	•	•
File to Print Features		
Print Single or Multiple Files to KIP or Inkjet	•	•
Paneling	•	•
KIP Printer Greyscale Optimisation	•	•
Expert Print Mode with Editable Filters	•	
Save Colour Management Profiles	•	
Spot Colour Exchange	•	
Nesting (Step and Repeat)	•	•
On Screen Softproof Capability	•	
Copy Features		
Colour Adjustment	•	•
Paneling	•	•
Roll Preview	•	
Gamut Warning and On Screen Softproof	•	

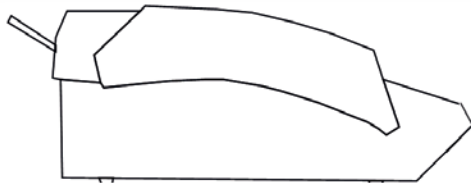| KIP Colour Software Features	Pro	Adv
Copy Features		
Multicopy Nesting	•	•
Set Black and White Point at Start of Set	•	
Media Calibration Wizard	•	•
Job Editor to Mix Copy, Scan and File Images	•	
Reprint	•	•
Nesting (Step and Repeat)	•	•
Printer/Scanner Closed Loop Calibration	•	•
Unlimited Presets/Templates	•	•
Professional Copy Filter Editor		
Adjust Scan/Copy Resolution	•	•
Adaptive Black Point By Auto or User Selection	•	
Adaptive White Point By Auto or User Selection	•	
Black Enhancement	•	•
Background Removal	•	•
Unlimited KIP Printer Drivers	•	•
Included Inkjet Driver	2	1
Additional Inkjet Drivers	Optional	
Image Quality Adjustments		
Colour Adjustment		•
Greyscale Adjustment	•	•
Background Processing	•	•
Import ICC Colour Profiles	•	
Scan at Faster Speeds at Lower DPI	•	•
Control Scanner Speed Independent of DPI	•	
Unlimited Presets/Templates	•	•
Professional Scan Filter Editor and Preview	•	
Adaptive Black Point By Auto or User Selection	•	
Adaptive White Point By Auto or User Selection	•	
Scan B&W Images Using Colour Data	•	•
Twain Support	•	•
Graphics Editor and Preview	•	
Despeckle and Hole Fill	•	

• = **New/Enhanced available in latest version**

KIP 720 WARRANTY & SPACE REQUIREMENTS

KIP 720 Scanning System Warranty

KIP 720 B&W and colour scanners are covered under a 24 month manufacturer warranty for Contact Image Sensors (CIS) from date of initial install.
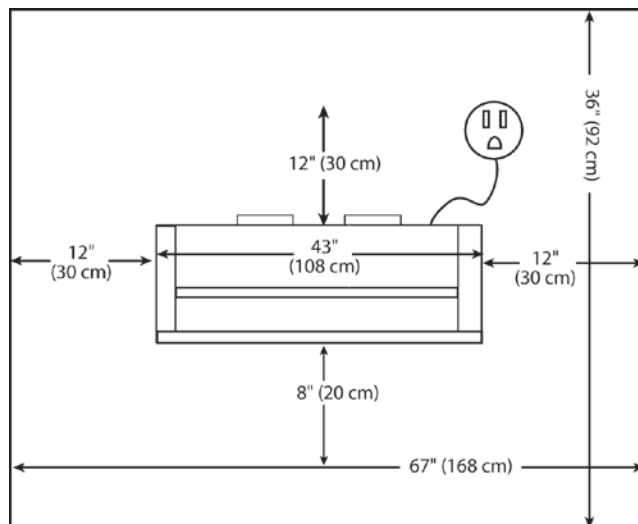
KIP 720 Scanning System Space Requirements

KIP 720 Side View

KIP 720 Front View

KIP 720 Top View

General Specifications	
Scanner Type	C.I.S. with KIP RTT Technology
Scan Resolution	600 x 600 dpi optical resolution
Scan Speed	Up to 195 mm per second (B&W) Up to 66 mm per second (Colour)
Scan Format	TIFF, Multipage TIFF, PDF, PDF-A, Multipage PDF, DWF, Multipage DWF, JPEG, CALS
Scan Destination	Local USB(Removable Media), Unlimited IPS Mailboxes(Local), Unlimited FTP, Unlimited SMB
Original Size Width	279 - 914 mm
Original Thickness	Up to 1.6 mm thick
Interface	USB 2.0
Dimensions	1,092 mm x 406 mm x 170 mm
Weight	25 Kg
Electrical	100-240V AC 50/60 Hz
Power Consumption	<50 W
Minimum PC Requirements (NOT INCLUDED WITH SCANNER)	Intel Pentium G630 2.7 GHz or faster Windows 7, 32- or 64-Bit operating system 250 GB or larger, (free space) SATA Hard Disk Drive *(Example: 100 colour or 300 mono A1 Size images in a large set would require up to 5 GB)* 4 GB DDR SDRAM DVD Optical Drive (ROM) 20" flat panel monitor (with VESA 75 or 100 pattern for use with KIP Scanner Stand) - VGA or HDMI based on PC connection Integrated Intel Video Network adapter – Integrated 100/1000 Ethernet LAN. *(Wireless is not recommended due to file transfers during copy process)* One available USB 2.0 port or higher Standard USB Keyboard and USB Mouse

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