

**imageFORMULA**  
**CR-150**  
**CR-120**  
**CR-120 UV**

Professional, high-speed cheque scanners that are perfect for banks counter-top use.



**Compact design, high-speed scanning**

Quickly scan up to 120 or 150 cheques per minute with these highly compact devices - ideal for customer service desks - using accurate magnetic and optical reading, and include endorsement imprinters.

**Smart UV scanning**

The CR-120 UV includes built-in ultraviolet sensors for detecting anti-fraud patterns that prove cheques' authenticity, or highlighting surface rubbing that might indicate tampering. With UV scanning, both the 200dpi greyscale image and a UV image of the cheque are captured simultaneously, with no loss of speed.

**CR-120 series**

B&W  
 SPEED  
 120 cpm

BUILT-IN  
 endorsement  
 IMPRINTER

DAILY DUTY  
 CYCLE  
 12,000 SCANS/DAY

AUTOMATIC  
 DOCUMENT FEEDER  
 150 sheets

UV SCANNING  
 with  
 CR-120 UV

**CR-150**

B&W  
 SPEED  
 150 cpm

BUILT-IN  
 endorsement  
 IMPRINTER

DAILY DUTY  
 CYCLE  
 12,000 SCANS/DAY

AUTOMATIC  
 DOCUMENT FEEDER  
 150 sheets



## imageFORMULA CR-120 and CR-150 series



### Compact design, high-speed scanning

The CR-120 and CR-150 series scanners are small but fast cheque scanning devices that sit conveniently on any counter-top where space is at a premium. As well as scanning up to 12,000 cheques per day, at rapid speeds of up to 120 and 150 per minute, they also offer flexible space-saving options such as integrated magnetic swipe reader.

### High-precision, double-sided cheque scanning

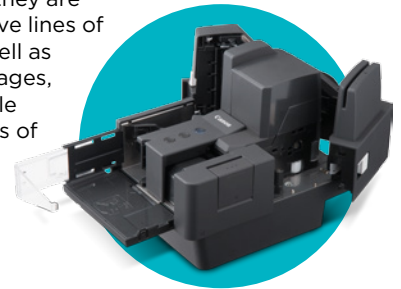
Both series of scanner employ precise magnetic ink character recognition (MICR) to read code line data, and also capture greyscale images of both sides of each cheque. Powerful OCR software then reads the characters from the scanned image and cross-check them using a unique algorithm to ensure maximum accuracy.

### Flexible bundled software for simple integration

You can easily integrate your CR-120 or CR-150 series cheque scanners with existing systems including virtual device environments, using bundled software: Canon Scanning Utility, Canon ISIS/TWAIN driver, and a Ranger Transport API driver. Application developers can also take advantage of the Canon CR software development kit (SDK) to create custom capabilities.

### Effortless imprinting

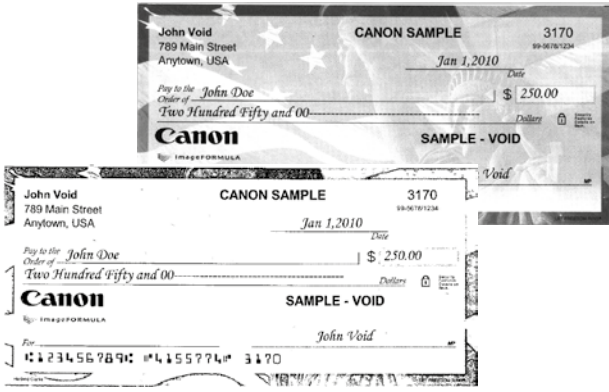
There is a built-in imprinter that enables quick and easy print endorsement on the back of cheques while they are being scanned. Up to five lines of 60-character text, as well as high quality bitmap images, can be printed in a single motion, ensuring no loss of overall cheque scanning speed.



Easy maintenance



# COMPACT DESIGN AND SMALL FOOTPRINT



## Advanced image processing

Capture both printed and handwritten text accurately every time. Fine Text Filtering technology significantly reduces unwanted noise from patterned document background colours or images.



## Colour ID card imaging

Both series of cheque scanner have a built-in slot for the colour scanning of plastic cards, such as driver's licence, other ID cards, and even embossed bank and credit cards. This means that bank tellers can quickly verify customers' identity, and also easily record that they have done so.



## Magnetic swipe reader

Added functionality through the optional magnetic swipe reader for bank cards





## CR-120 / CR-120UV

<b>Scanner type</b>	Compact cheque scanner with ADF and imprinter
<b>Interface</b>	Hi-Speed USB 2.0
<b>USB ports</b>	Type B
<b>Daily duty cycle</b>	12,000 scans/day
<b>Dimensions (WxDxH)</b>	170 x 239 x 204 mm
<b>Weight</b>	Approx. 3.5kg
<b>Scanning side</b>	Simplex / Duplex
<b>Scanning speed</b>	CR-120: 120 cpm, CR-120 UV: 120 cpm (UV Scan mode) <sup>[1]</sup>
<b>Scanning resolutions</b>	Cheque (Black and White/Grayscale) Scanning: 200dpi, 300dpi Output: 100dpi, 120dpi, 150dpi, 200dpi, 240dpi, 300dpi Card (Colour) Scanning: 600dpi Output: 600dpi
<b>Scanning modes</b>	Black-and-white Fine text filtering Error diffusion 256 level grayscale 16 level grayscale 24-bit Colour (card only)
<b>Supported image processing functions</b>	Auto Page Size Detection, Colour Dropout/Enhancement, Fine Text Filtering, Imprinter, Border Removal, Edge Emphasis, Add-on, IQA, Contrast Adjustment, MOCR/MICR, Deskew, Colour Deviation Correction, OCR, Shading Compensation, Scan Area Setting, Multistream
<b>MICR/OCR</b>	MICR: E13B, CMC7 OCR: E13B, OCR-A, OCR-B, Cheque Writer, Universal Character
<b>Document size</b>	Width: 60 - 108 mm Length: 90 - 245 mm Long document mode: 2m
<b>Document thickness and weight</b>	0.08 - 0.20 mm 64 - 157 gsm
<b>Feeding capacity</b>	150 sheets or 15 mm stack
<b>OS Support</b>	Windows Vista, 7, 8.1, 10 Windows Server 2008 R2, 2012 R2
<b>Drivers and applications</b>	ISIS / TWAIN Canon Scanning Utility Ranger Driver
<b>SDK</b>	The CR Software Development Kit (CR-SDK) <a href="http://www.canon-europe.com/bsdip">www.canon-europe.com/bsdip</a>
<b>Power consumption</b>	Scanning: 23W or less Sleep mode: 2.1W or less
<b>Operating environment</b>	Temperature: 10 - 32.5 °C Humidity: 20 - 80 % RH
<b>Accessories</b>	Magnetic Swipe Reader
<b>Consumables</b>	Exchange Roller Kit Ink Disposal Tank Ink cartridge (PG-445, PG-445XL, PG-545 or PG-545XL)



## CR-150

<b>Scanner type</b>	Compact cheque scanner with ADF and imprinter and 2-port USB hub
<b>Interface</b>	Hi-Speed USB 2.0
<b>USB ports</b>	Type B, 2x Type A
<b>Daily duty cycle</b>	12,000 scans/day
<b>Dimensions (WxDxH)</b>	170 x 239 x 204 mm
<b>Weight</b>	Approx. 3.5kg
<b>Scanning side</b>	Simplex / Duplex
<b>Scanning speed</b>	150 cpm <sup>[1]</sup>
<b>Scanning resolutions</b>	Cheque (Black and White/Grayscale) Scanning: 200dpi, 300dpi Output: 100dpi, 120dpi, 150dpi, 200dpi, 240dpi, 300dpi Card (Colour) Scanning: 600dpi Output: 600dpi
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### Footnotes

<sup>[1]</sup> Personal Cheque (152 x 70 mm) in 200 dpi. Scanning speed may vary depending on PC environment, scanner settings, and other factors.

Specifications are subject to change without notice.  
The ink cartridge is not included with the scanner.






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