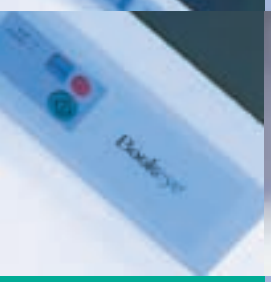
ENGLISH

Product Line 2004



Bookeye®

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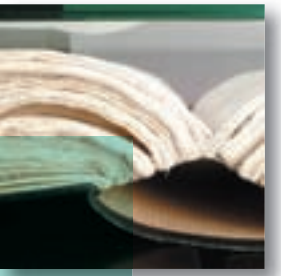


Bookeye® .
A name with a lot of reliable possibilities.

It has been successful from Day One. And that for 10 years now.

Bookeye® is renown wherever books and documents play a key role. We manufacture Bookeye® to meet your individual requirements, offering different versions along with various types of equipment.

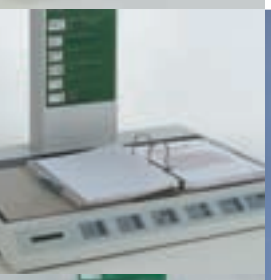
We have installed 1,000 systems so far, using the same standards. That way we can make competitive offers!

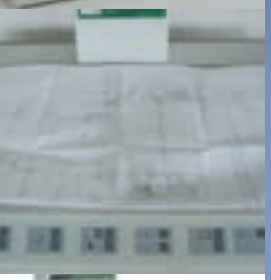
Bookeye®, coupled with its scanning software, BCS-2®, creates a highly efficient software solution.

ImageWare Components not only offers products but also practical solutions. We have gained a lot of experience realizing the need for web-based document delivery systems for institutions and libraries such as MyBib and Medea3®.

This is a continuous effort of our product philosophy.

So, we can present all the solutions you need!





Bookeye

There are more than 500 installations of the Bookeye® gray level scanners to date.

The Bookeye® gray level scanner is an ideal system for your internal and external services. Based on 300 dpi, a Fujitsu video interface and a rugged and durable design.

You can digitize books without flattening them forcefully or even removing their bindings. The originals are scanned from above. The book remains on the cradle surface and you just turn the pages. Newspapers can be scanned page-wise without cutting or adjusting them to size.

A successful and sound system for you!

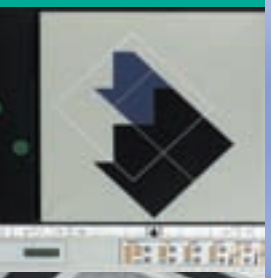
Overview of functions

- Automatic contrast adjustment
- Automatic format recognition
- Black border recognition and suppression
- Autofocus
- Automatic book-fold recognition
- Automatic page separation
- Copy and scan modes for text and photo
- Format selection up to A2
- No damage to originals
- User friendly
- Low noise

Overview of originals

- Newspapers and periodicals
- Bound originals
- Paper files
- Solicitor's contracts
- Historical books
- Tuckered receipts
- Sensitive manuscripts
- Maps and drawings
- Incunabula

FINANCIAL TIMES



Bookeye

The new Bookeye® generation sets foot. ImageWare Components keeps on developing its product range with a GS400 gray level scanner.

The overhead scanner is easy to use. A resolution of 400 dpi assures and produces high quality images. Bookeye® GS400 provides a preview of each scan on the monitor. There are no more rejects.

You can integrate the GS400 into your company network without any hassle. The standard interface along with the TCP/IP protocol enables you to integrate it wherever a network socket is available.

Therefore, you no longer need special video boards and drivers or to make an extra effort for integration. Just plug it in and there you go.

You save costs and time by being highly efficient!

Overview of functions

- Format selection up to A2
- 35 million Pixel resolution
- 1024 gray levels internal
- 256 gray levels external
- Autofocus
- Automatic page separation
- Automatic book-fold correction
- Network connection with IP address
- UV and IR free cool lamps
- Easy installation
- Geometric self calibrating
- External maintenance and analysis
- User friendly

Overview of originals

- Newspapers and periodicals
- Bound originals
- Paper files
- Solicitor's contracts
- Historical books
- Tuckered receipts
- Sensitive manuscripts
- Maps and drawings
- Incunabula
- Old manuscripts
- Quality control and documentation
- Graphic drafts

Eduardo Chillida

Bookeye

Pictures tell us more than words! It is visually a lot easier for the workflow to recognize scanned documents in color.

ImageWare Components sets a further mark in the market with its Bookeye® Color scanner. You will be excited about the performance of the new generation.

It has brilliant colors, can process oversized formats and is easy to install.

Easy and hassle-free integration is decisive in future for modern companies that rely on fast data transfer. We provide a high transfer rate of 100 Mbit to guarantee fast data processing.

A special highlight is that Bookeye® can be accessed over the Internet. That way we can assist you right on location so that our service team can analyze errors and perform company updates.

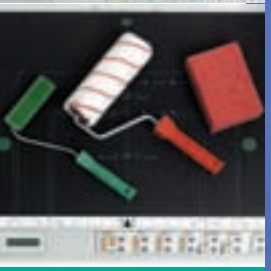
You save time and costs at the same time!

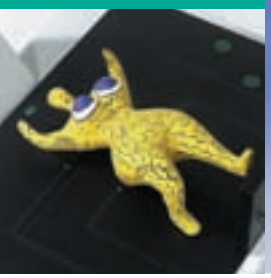
Overview of functions

- Format selection up to A2
- 35 million Pixel resolution per color channel
- 30 bit color depth internal;
  24 bit color depth external
- Autofocus
- Automatic page separation
- Automatic book-fold correction
- Network connection with IP address
- UV and IR free cool lamps
- Easy installation
- Geometric self calibration
- External maintenance and analysis
- User friendly

Overview of originals

- Colored architectural drawings
- Colored wiring plans
- Advertisements and originals
- Colored periodicals and newspapers
- Books
- Maps and drawings
- Atlases
- Old manuscripts
- Specialist reports incl. photographs
- Quality control and documentation
- Graphic drafts
- Books for labs





Bookeye

There are different types of Bookeye® Repro. You decide what you would like either gray level or color up to A1.

The Repro overhead scanner is primarily characterized by its rugged design and new quality concept.

It offers homogenous lighting from its two light sources even at low intensity.

Another strength is that it determines the optimal depth of focus by checking several focus points on the original being scanned.

You can even reach maximal depth when taking non-even originals such as building components of quality control.

TCP/IP access generates easy integration of Bookeye® Repro. You do not need any drivers or cards. Simply connect it to an existing network.

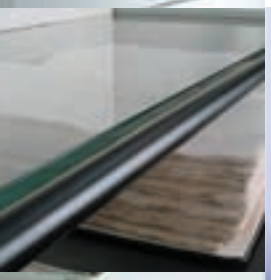
You can use it for a lot of different tasks because it is optimized as to spatial scans!

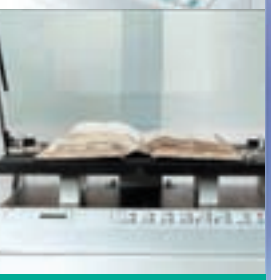
Overview of functions

- Even illumination
- Format selection up to A1
- 35 million Pixel resolution
- 30 bit color depth internally, 24 bit externally
- Autofocus
- Automatic page separation
- Automatic book-fold correction
- Network connection with IP address
- UV and IR free cool lamps
- Easy installation
- Geometric self calibrating
- External maintenance and analysis
- User friendly

Overview of originals

- Large sized photos, engravings
- Quality control and documentation
- Tiles, coins, fabrics
- Graphical drafts
- Advertisements
- Colored architectural plans
- Proofs
- Colored wiring diagrams
- Scribbles, layouts, previews
- Colored newspapers and periodicals
- Books
- Maps and drawings
- Atlases
- Old manuscripts
- Specialist reports incl. photos





Manual Book Cradle A2

A key feature of Bookeye® is to preserve valuable books. Digitizing is gaining more and more acceptance.

The manual Bookeye® Book Cradle is an entry level model to begin with, both for gray level as well as for color scanners. There is no pressure on the book or the binding because of adjustable plates for the originals. Writing in the book fold is scanned without distortion.

A hinged glass plate to smooth the originals is available as an option. You have the choice.

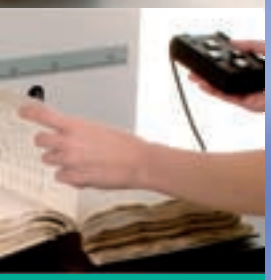
A competitive system for careful and top quality scans!

Overview of functions

- Originals up to A2
- Originals up to 120 mm
- Manually adjustable levels (with hand wheel)
- Variable adjustment for width of spine
- Housing and cradle surfaces made of steel
- Optional glass plate (only with Repro system)

Overview of originals

- Historical books
- Atlases
- Incunabula
- Folios
- Plans and land registries
- Public records
- Newspaper and journal archives



Bookeye

Motor-driven Book Cradle A2

Bookeye® Book Cradles widen the operational capabilities of the overhead scanners. Libraries and archives prefer book cradles.

The motor-driven book cradle scans valuable books and fragile books as well as very large and bound documents of up to 350 mm and up to A2.

You put the book onto the book cradle plate. You can either lift or lower the book cradle by pressing a button, depending on the size of the book. Then the pages of the book are level and UV and IR free cool lamps digitize them. Even the lines in the book-fold can be scanned.

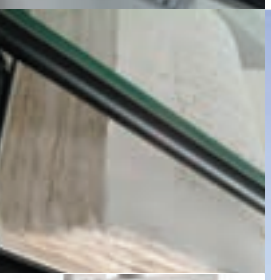
You can scan books and documents with tough binding or oversized formats and improve the scanning quality!

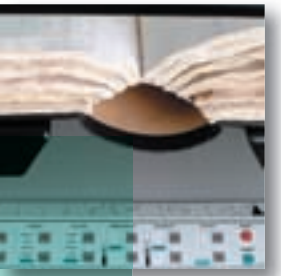
Overview of functions

- Originals up to 350 mm
- Automatically and separately adjustable levels (motor-driven cradle function)
- Variable adjustment for width of spine
- Housing and cradle surfaces made of steel
- Originals up to A2
- Oversized formats up to 720 x 470 mm

Overview of originals

- Historical books
- Atlases
- Incunabula
- Folios
- Plans and land registries
- Public records
- Newspaper and journal archives





Motor-driven Book Cradle A1

The Book Cradle in the format XXL A1 is the highlight of the Bookeye® product line.

An intelligent contact pressure system guarantees for maximal care of the book. The system determines the individual weight of each half of the book during the working process. You will get an excellent scan when you press the two halves of the book against the glass plate in an even manner.

The glass plate can be moved to the back, optimizing the working process and making it possible to work without interference from the glass plate. Two independently working sensors make sure that the book cradles cannot be moved during the scanning process.

A powerful and low noise driving system lifts and lowers books of up to 50 kg in weight. That results in a ergonomic and continuous working process.

The book cradle is kept open at the back. Thus, you can digitize oversized originals (larger than A1) in sections without the need to fold them to fit the copy board.

The Bookeye® Book Cradle has three independently operating foot switches for optimal control.

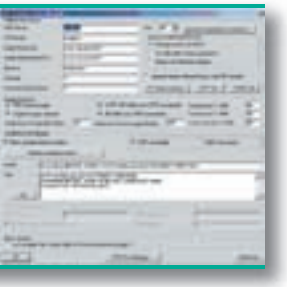
You take good care of unique and fragile originals!

Overview of functions

- Originals up to A1
- Originals up to 270 mm
- Processor-controlled contact pressure system up to 20 kg
- Adjustable glass plate
- Automatically adjustable book cradle plates
- Adjustable levels (motor-driven cradle function)
- Adjustable book cradle plates up to 20 cm
- Adjustment to width of spine
- Low noise and powerful operation system
- Housing and cradle surfaces made of steel

Overview of originals

- Oversized books
- Atlases
- Incunabula
- Folios
- Plans and land registries
- Public records
- Newspaper and journal archives



BCS-2® is the Scanning software for the entire Bookeye® product range. The software focuses on the scanning of books, periodicals and bound originals.

Special functions

- Separate selection of the left or right page
- Page separation
- Automatic book-fold correction
- Deskew (the image is automatically aligned)
- Despeckle (little contamination on the image is automatically removed)

The application range of BCS-2® exceeds that of Bookeye®. BCS-2® supports all scanners with ISIS/Twain drivers. That is that every flatbed scanner, rotary scanner, microfilm scanner and even digital copiers.

BCS-2® is therefore, the scanning platform for the electronic document delivery systems MyBib and Medea3®.

You can easily use it in Windows!

Overview of single BCS-2® modules

Web-Publisher-Module

Documents are directly transferred from BCS-2® to a Web server in HTML format and an available Hyperlink can send these documents. An E-mail sends the Hyperlink to the user.
Hence, you can easily access single images, using the thumbnail bar. You can watch each image on a preview window.

MAPI-Module

The MAPI-Module can immediately send scanned documents by E-mail from BCS-2®. The documents do not have to be saved beforehand.

PDF-Module

You can automatically convert BCS-2® scans into the PDF format. Then, the BCS-2® functions such as sending by E-mail are available.

Pay-Per-Click-Module

Several Pay-Per-Click-Modules are available for internal use (Copy, E-mail, Save). These services for the user can be charged to Coin Box, Copy-Card-Reader, Chip or cost center cards.

MyBib-, Medea3®-, subito-Plugin

BCS-2® can be linked to the popular document delivery systems with MyBib, Medea3® and subito-Plugin.

Special keyboard

The ergonomic Bookeye® special keyboard is user friendly and easy to work with. The scanning process can be controlled with only a few keys strokes.

Coin Box / Copy Card Reader

The Coin Box / Copy Card Reader is useful for services such as printing, sending E-mails or transfers to the Internet with costs. The BCS-2® Scan-software can configure each individual service.

Newspaper smoother

The newspaper and foil smoother consists of magnet bars and smoothes newspapers and periodicals. The felt-coated magnet bars carefully smooth the documents on the plate. The bars are also used to position the documents on the plate.

Foot switch

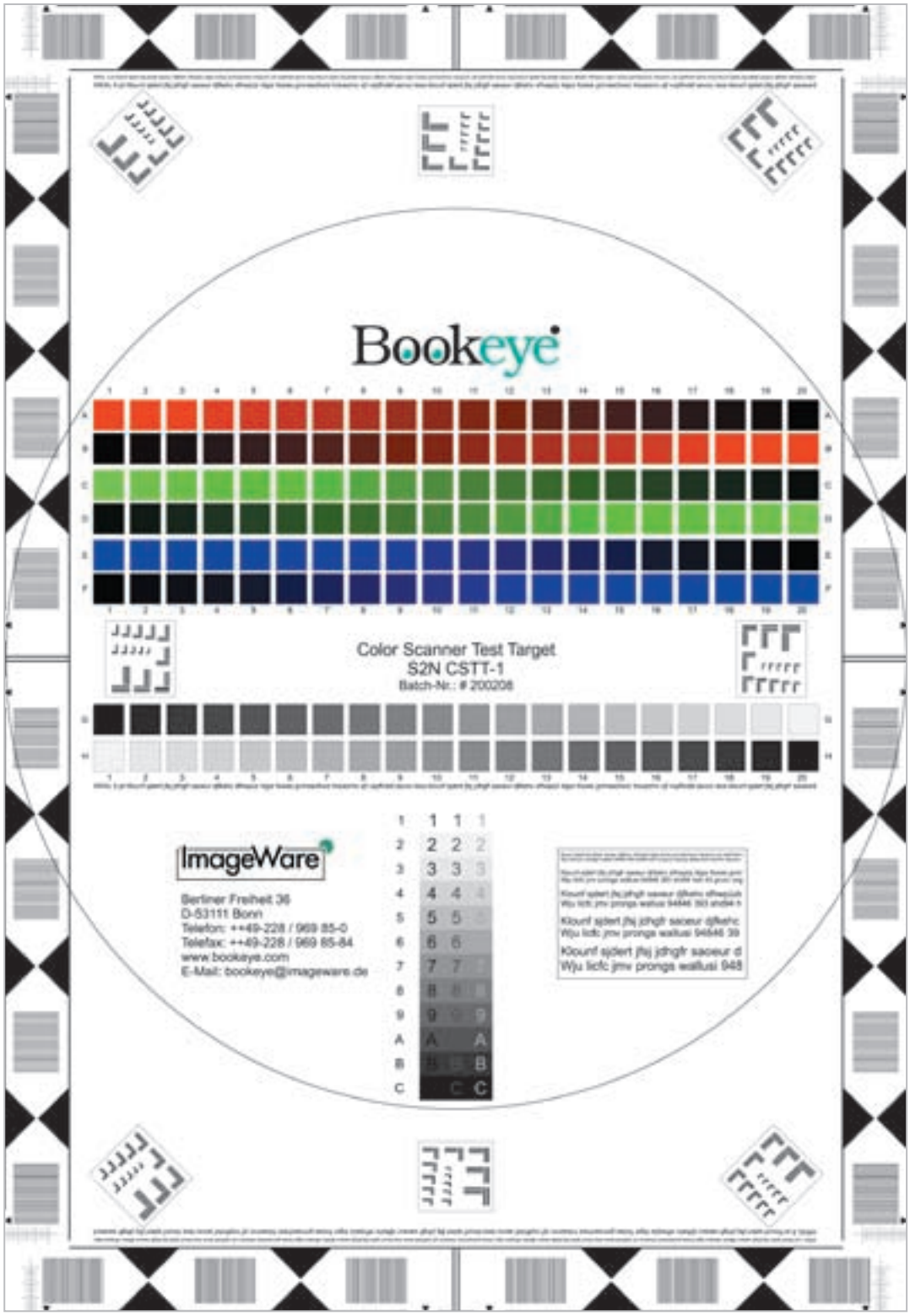
It is very comfortable: press the foot switch and the scanning process starts. Your hands are free and you turn to the next page.

Glass plate book cradle

The optional glass plate (only available with the Repro system) widens the use of the manual A2 book cradle. Light contact pressure pushes the originals against the glass plate.

QS-Form for Bookeye an other Scanners

It is the little extras that make our lives a lot easier. Measure our quality ex works to your desk.



ImageWare Components supports you with firsthand services. We offer all services from the concept phase to the final support to assist you in your individual solutions. Our service starts by simply listening to your requirements! That is the only way to meet and to maintain the high standards of our own market philosophy.

Concept and Consultation.

A successful project is always based on a good idea. Along with our customers we make ideas come true and combine your ideas with our experiences.

Project Management.

We monitor the project from the beginning to the end. We take care of creating specifications, the project organization and make sure that deadlines are met.

Service and Support.

After finishing the project, our daily work begins. We do not leave you stranded when you have questions or technical problems. Our service team provides you with documentation and manuals and are on site, on the phone, or respond to you by E-mail.

Service and maintenance contract.

There are service and maintenance contracts for all systems.

Registration of your products.

This makes it a lot easier for you and us. Just fill in the online form and you will have fast and reliable support from the first day.
http://www.imageware.de/support/registration

Training.

The training program creates customer satisfaction and loyalty. It looks at technical and business know-how that the partners of ImageWare need to deliver suitable solutions and services to the customers worldwide.

Certification.

The Bookeye® product family is GS certified. You can be sure that you are investing in good quality that complies with strict regulations covering safety and functionality. A CE Conformity declaration is a matter of fact.

Free Newsletter.

You can stay up to date about the complete product range, about services and a lot more.

Register in our Newsletter directory under:
newsletter@imageware.de

Technical Data of the Bookeye® - Product Line

Products	Bookeye® GS300	Bookeye® GS400	Bookeye® Color	Bookeye® Repro A2 GS
Order-Number				
	BE-GS-A2	BE2-SYSGS-N2	BE2-SYSCL-N2	BE2-SYSGS-R2
Technical Data				
Dimensions in h x w x d in mm	840 x 690 x 650 mm	880 x 685 x 673 mm	880 x 685 x 673 mm	880 x 1239 x 673 mm
Weight (incl. packaging)	46 kg (50 kg)	25 kg (38 kg)	25 kg (38 kg)	31 kg (47 kg)
Power supply				
Voltage	110-230 V	110-230 V	110-230 V	110-230 V
Frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power	500 VA	max. 250 VA	max. 250 VA	max. 400 VA
Lamps	Low UV halogen tubes approx. 5000 Lux	UV- and IR-free cold lamps approx. 3000 Lux	UV- and IR-free cold lamps approx. 3000 Lux	UV- and IR-free cold lamps approx. 3800 Lux
Original Formats				
Maximum w x d in mm	630 x 420 mm	630 x 420 mm	630 x 420 mm	630 x 420 mm
Original height				
DIN A4	●	●	●	●
DIN A3	●	●	●	●
DIN A2	●	●	●	●
DIN A1	❍	❍	❍	❍
Scanning				
Resolution	200, 300, 400, 600 dpi	200, 300, 400, 600 dpi	200, 300, 400, 600 dpi	200, 300, 400, 600 dpi
Scan time				
A4 portrait	2 sec	2 sec	2 sec	2 sec
A3 landscape	3 sec	2,2 sec	2,2 sec	2,2 sec
A2 landscape	6 sec	3 sec	3 sec	3 sec
A1 landscape	❍	❍	❍	❍
Color depth (internal/external)	1024/256 gray level	1024/256 gray level	30bit/24bit	1024/256 gray level
Interface/Protocol	FujitsuVideo/Fast Centronics	TCP/IP	TCP/IP	TCP/IP
Software BCS-2®	●	●	●	●
Accessories				
Manual Book Cradle A2	●	●	●	●
Motor-driven Book Cradle A2	●	❍	❍	●
Motor-driven Book Cradle A1	❍	❍	❍	●
Glass plate for manual Book Cradle	❍	❍	❍	●
Special keyboard	●	●	●	●
Paper and slide smoother	●	●	●	●
Foot switch	●	●	●	●
Coin Box	●	●	●	●
Copy-Card-Reader	●	●	●	●
Fixing element for oversized bound books	❍	❍	❍	❍

● available ❍ not available

Bookeye® Repro A2 Color	Bookeye® Repro A1 GS	Bookeye® Repro A1 Color	Manual Book Cradle A2	Motor-driven Book Cradle A2	Motor-driven Book Cradle A1
BE2-SYSCL-R2	BE2-SYSGS-R1	BE2-SYSCL-R1	BE2-BC-A2M	BE2-BC-A2A	BE2-BC-A1A
880 x 1239 x 673 mm 31 kg (47 kg)	1170 x 1475 x 740 mm 39 kg (55 kg)	1170 x 1475 x 740 mm 39 kg (55 kg)	340 x 690 x 690 mm 45 kg	530 x 690 x 800 mm 70 kg	820 x 1200 x 800 mm 120 kg
110-230 V 50 - 60 Hz max. 400 VA UV- and IR-free cold lamps approx. 3800 Lux	110-230 V 50 - 60 Hz max. 400 VA UV- and IR-free cold lamps approx. 2800 Lux	110-230 V 50 - 60 Hz max. 400 VA UV- and IR-free cold lamps approx. 2800 Lux	❍ ❍ ❍ ❍	110-230 V 50 - 60 Hz max. 400 VA ❍	110-230 V 50 - 60 Hz max. 400 VA ❍
630 x 420 mm ● ● ● ❍	840 x 594 mm ● ● ● ●	840 x 594 mm ● ● ● ●	630 x 420 mm 120 mm ● ● ● ❍	720 x 470 mm 350 mm ● ● ● ❍	840 x 594 mm 270 mm ● ● ● ●
200, 300, 400, 600 dpi 2 sec 2,2 sec 3 sec ❍ 30bit/24bit TCP/IP ●	200, 400, 600 dpi 2 sec 2,2 sec 3 sec 3,5 sec 1024/256 gray level TCP/IP ●	200, 400, 600 dpi 2 sec 2,2 sec 3 sec 3,5 sec 30bit/24bit TCP/IP ●	❍ ❍ ❍ ❍ ❍ ❍ ❍ ❍	❍ ❍ ❍ ❍ ❍ ❍ ❍ ❍	❍ ❍ ❍ ❍ ❍ ❍ ❍ ❍
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