LEADING SOLUTIONS FOR PUBLISHING AND ARCHIVING

EPSON®
EXCEED YOUR VISION

Name: John Smith

Patient ID: 3499261

Case: Study case 1.1

Epson

ENGINEERED FOR BUSINESS

EPSON®
EXCEED YOUR VISION

ADVANTAGES OF OPTICAL MEDIA

The growth of electronic data is expanding exponentially and with it the need of distributing quickly and storing it in the long-term. The need for additional archiving space has become crucial for both cost and efficiency reasons. Optical media archives allow companies to increase efficiency, manage data more effectively and reduce storage and distribution costs.

Take a look below at the top 12 advantages of optical media compared to other storage media:

1 Revision secured data – no manipulation of the data is possible after burning

2 Long-term storage of up to 100 years

3 Lowest long-term cost per gigabyte – no re-writing/online access needed

4 Well known media standard that's readable all over the world

5 Immunity against magnetic fields and dust

6 Faster reading access than magnetic tapes – saves time when searching data

7 Only a small space is required for the long-term storage of media

8 Easy to handle, as there are no mechanical parts in the media and everybody is familiar with CDs, DVDs and BDs

9 Compatible for decades, Blu-ray disc™ (BD) drives can still read the very first CDs from the 1980's

10 Easy to customise with a colourful printed surface

11 Cost-efficient and secure distribution of data up to 50GB

12 Green storage – The Blu-ray disc™ has a TÜV certification of B, the lowest energy consumption of all data storage technologies

Typical uses

Within the last 5 years, Epson has become the market leader in many segments where optical media is required on demand. More than 50 percent of all hospitals[1] in Europe which install CD/DVD publishers for patient CDs or archiving of patient data, select Epson because of its reliability and ease-of-use, even in harsh environments.

Many industry sectors have selected the Discproducer

Medical:
Patient CD, cardiology, x-ray, mammography, CT, surgery surveillance

Government:
Police interviews, forensics, real estate, digitizing paper archives, surveillance

Corporate accounts:
Presentations, promotions, movies, PR, press kits

Legal:
Digitizing and distributing legal documents, court files

Education:
Education material, instructions, examination data, voice recording

Creative agencies:
High-resolution photograph and video data, event movies, animations

Broadcasting/Film:
TV and radio shows, pre/post production, CD-service for audience

Software house:
Providing software and updates, documentations, manuals, games

Financial services:
Contracts, personal files, backup

Duplicator service:
Any private/corporate customer data, duplication service

Other vertical markets:
Recording music, photos, videos, speeches, church sermons, event videos, presentations, concerts, travel videos, trade show hand-outs
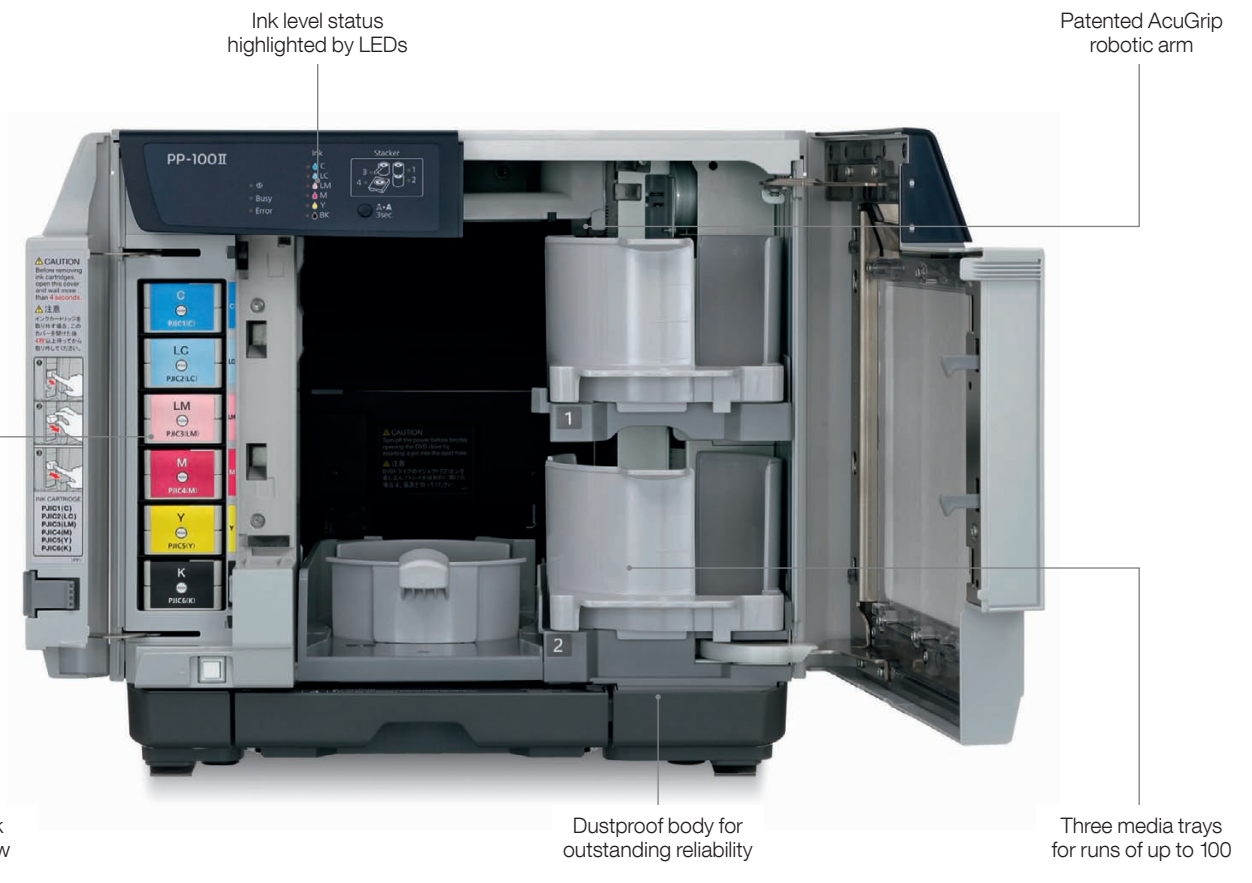
WHY CHOOSE DISCPRODUCER?

The Epson quality hallmark

We are the only manufacturer in the world to design and develop both precision robotics and advanced printing solutions. That is why you will find our products so reliable – they are built on the platform of knowledge and experience gained in robotic environments. Our Discproducer is a perfect example, with its compact design, dust-proof body and minimal moving parts it delivers precision performance and excellent reliability.

Individual or batch production

If you need to burn and print an individual disc, you can have it at the touch of a button. What's more, if you want to print batches, the Discproducer is available in various models allowing up to 100 discs to be produced in one work cycle. They can be used as printer only or in a network environment, even a security model is available to save confidential data. Replaceable drives and maintenance cartridges expand the life of the whole unit whilst new functions like 'read back' and 'merge print' allow even more sophisticated applications with the second generation of Discproducers.

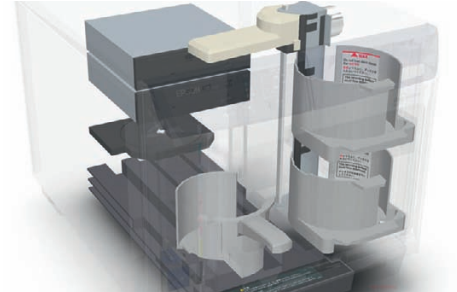Ink level status highlighted by LEDs

Patented AcuGrip robotic arm

Six separate ink cartridges for low cost per print

Dustproof body for outstanding reliability

Three media trays for runs of up to 100

Compact, all-in-one design

Our Discproducer is one of the smallest in its class, with a dust protected housing that is less than 40cm wide. It is the only system that offers you the ease of complete operation from the front. If you need to save space, its flat construction means you can stack two systems and even use the top as a storage surface – ideal for media or a laptop.

Three trays of 50 discs each allow fully automatic production runs up to 100.
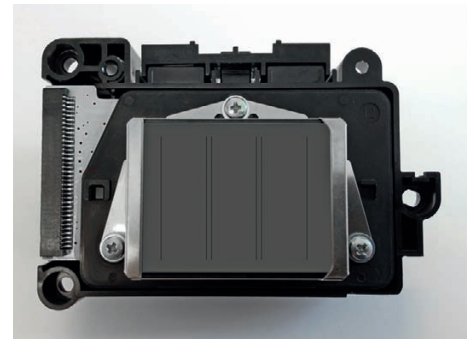
Patented AcuGrip robotic arm

Specially developed for our Discproducer range, the AcuGrip mechanism ensures that the robotic arm reliably grabs only one blank CD, DVD or BD – even if they are stuck together. This increases the life of the product and helps protect against unsupervised production runs being interrupted by mechanical blockages.
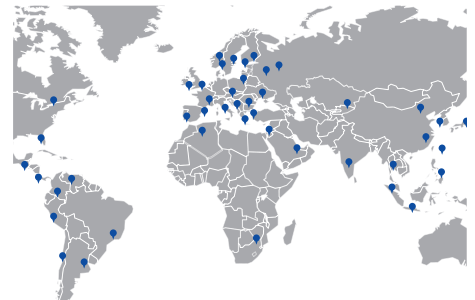

AcuGrip™

Micro Piezo technology

Micro Piezo printheads are at the heart of every Epson inkjet printer. Micro Piezo technology ensures uniform, stable ink droplets with virtually no satellites or misting. That's why the Discproducer delivers the highest print quality in its class for crisp text and vibrant graphics at up to 1440 × 1440dpi resolution. And its independent, high-capacity ink cartridges make printing extremely cost-effective.

Industry-leading service

When you choose Epson, you get the world-class service you would expect from a leader. Our CoverPlus Service Program offers cost-effective service options including on-site service that extends your initial warranty coverage across most countries worldwide and for multiple years.

EPSON
CoverPlus

PRECISE PRODUCTION, ACCURATE STORAGE

The Discproducer is the perfect device for everyday office use to simplify the compilation of optical media. Whether you need to burn and print a few CDs, DVDs or BDs at a time or up to 100, Epson's easy-to-use feature packed Discproducer is the answer.

Epson **PP-100**

As easy-to-use as an office printer, the Discproducer can output up to 100 fully burned CDs and DVDs in a single session. Depending on data type and volume that amounts up to 30 units per hour. It is the only product in its class that has a front facing control to be stackable and an efficient 6-colour single ink system.

Key features
– Burn, print and publish secure DVDs and CDs all in one closed box
– On-demand production with up to 30 media published per hour (600MB CD-R)
– Low TCO with over 1,000 printed media with one ink cartridge set
– Its 6-colour Micro Piezo technology provides outstanding print quality that's smudge proof and water resistant on high-quality media
– High capacity with up to 100 media in one batch produced automatically
– LEDs show the status level of each individual ink cartridges
– Save valuable space by stacking two systems on top of each other
– Dust-proof body for outstanding reliability

Epson **PP-50**

Burn and print high-quality CDs and DVDs the easy and economical way. The Discproducer PP-50 reliably publishes up to 50 discs in one batch and is the perfect choice if you need to produce up to 400 discs per month. It's perfect for distributing information, archiving files and backing-up data at an affordable price.

Epson **PP-50BD**

The Discproducer PP-50BD is the Blu-ray disc™ model to produce high data volumes of up to 50 BDs, DVDs or CDs in one batch. As BDs are an inexpensive yet dependable format for long-term data storage, the PP-50BD is perfect for archiving large files and backing up data of up to 2.4TB in one batch. A BD recorder of the highest quality and accuracy makes the PP-50BD a professional archiving system when used with Epson certified BD-R media.

"We are thrilled with the Discproducer PP-100N as it has turned what has previously been a nightmare job into something we no longer need to worry or think about. The product has been very cost-effective in comparison to our previous machine and the quality of the printing and service that Epson has offered has been excellent."

Chris Petrie,
Director of IT
Stephenson Harwood Law Firm

Epson **PP-100II** NEW

Building on Epson's 5 year success and experience in DVD and CD publishing, this second generation Discproducer has been developed with some major improvements for professional users.

Key features
– The CD/DVD drives can now easily be exchanged by the user, after they have reached end of life
– Superfast standard USB 3.0 interface supports high publishing speeds
– The maintenance cartridge can be replaced, ensuring a longer life and reduced service costs
– Automatically search for data with the read back function from a full stack of 50 CDs
– Automatically individualise or personalise printing even in a batch of up to 100 discs

Epson **PP-100IIBD** NEW

The PP-100IIBD is the professionals' choice for high-volume archiving and on-demand Blu-ray disc™ media distribution. The Discproducer's archiving grade BD drives (Pioneer PR1 Series) are the most accurate and reliable in the market.

Key features
– As well as having all of the features of the PP-100II, the PP-100IIBD model also offers outstanding accuracy of burned data with professional archival grade Blu-ray disc™ drives

SECURE NETWORK PUBLISHING

If you need to burn and print highly-confidential data over a network our Discproducers with network connection and control board are the ideal choice.

Epson **PP-100N**

The Discproducer PP-100N is the ideal solution if you need to burn and print CD and DVD series in a network. It can receive up to five jobs at the same time and will publish them conveniently and reliably. Besides sharing the high reliability and superb quality of the products in the Discproducer range, the PP-100N also features additional advantages:

More effective workflow
The PP-100N's integrated logic can manage the jobs of several users simultaneously and process them one after the other. This will cut down on waiting time for your employees and take a significant load off your network, since the ISO file is created on the machine instead of the user's PC.

More concurrent users
Several users can be registered on the system's 'Total Disc Net Administrator' software. The system can store up to 80 jobs on its internal hard drive. The latest jobs can be retrieved in the form of a template and be reproduced at any time.

Data protection and security
Disable the local CD and DVD burners on local workstations. The network publisher lets you control your valuable data and media. A door lock can prevent opening the door during operation and ensures safe production. The ergonomic display unit supports eight different languages.
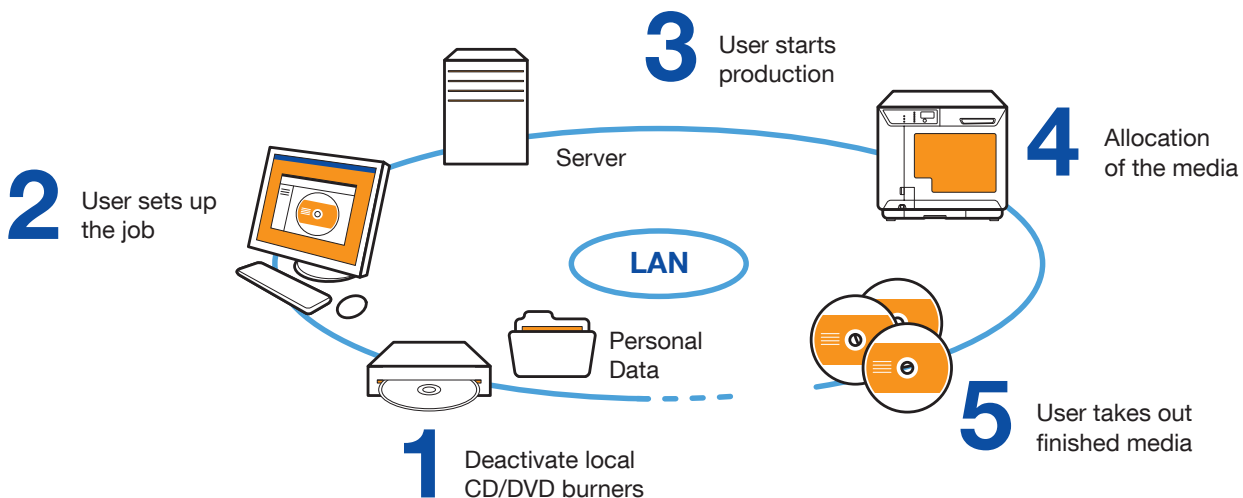
The ergonomic display unit supports eight different languages.

Fans blow filtered air into the body of the machine, which cools it down. There is a permanent overpressure so no dust can get inside.

Media publishing in a network

2 User sets up the job

3 User starts production

Server

4 Allocation of the media

LAN

Personal Data

1 Deactivate local CD/DVD burners

5 User takes out finished media

08

Epson **PP-100N Security**

The Discproducer PP-100N Security is the ideal solution if you need to burn highly-confidential data onto CD and DVD on a regular basis.

The system is specially designed for applications requiring top-level security and protection of burned data. All data is encrypted when they are sent to the unit and only decrypted during the burning process. The special software can be configured to allow disc production only after the approval of a manager.

This is perfect for:
– Public sector: police, military and judicial data
– Business: financial and research data
– Banking: customer, account and transaction data
– Healthcare: data on patients and billing
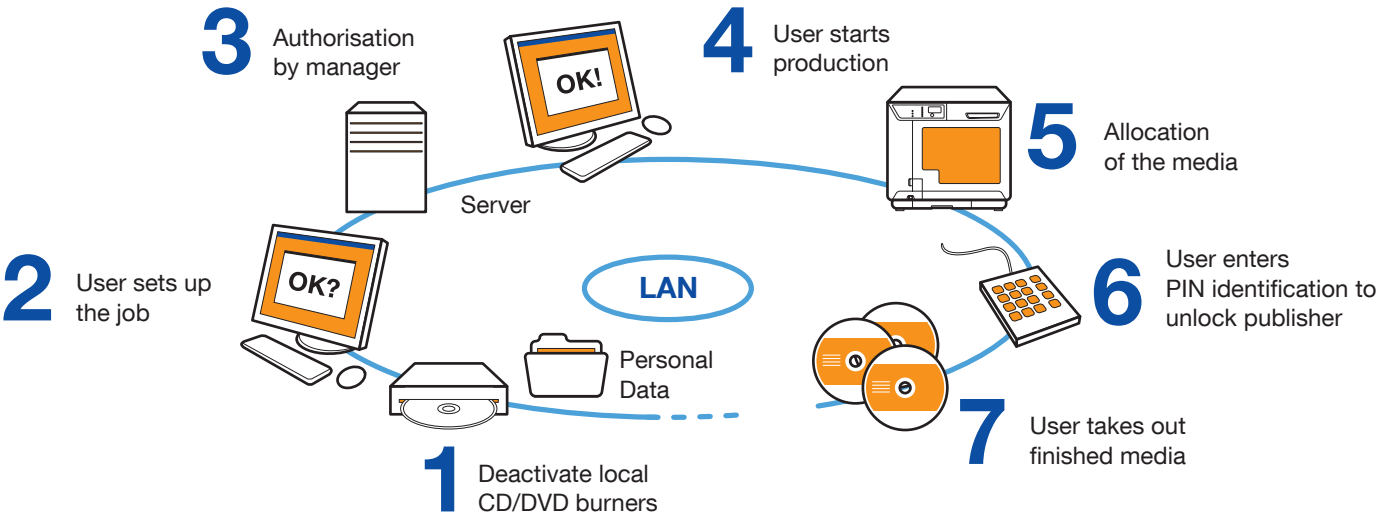– Education: examination questionnaire and results

A pin-protected door lock prevents unauthorised removal of burned or blank CD and DVD media.

The door lock of the PP-100N and PP-100NS prevents the interruption of operation.

Media publishing in highly-secured areas

3 Authorisation by manager

4 User starts production

5 Allocation of the media

2 User sets up the job

Server

LAN

6 User enters PIN identification to unlock publisher

Personal Data

7 User takes out finished media

1 Deactivate local CD/DVD burners

EFFICIENT LARGE BATCH PRINTING

The Discproducer PP-100AP has been developed specifically to meet the requirements of high-volume duplication. It can print up to 95 discs per hour and is perfect for publishing services, large businesses or music, TV and video producers.
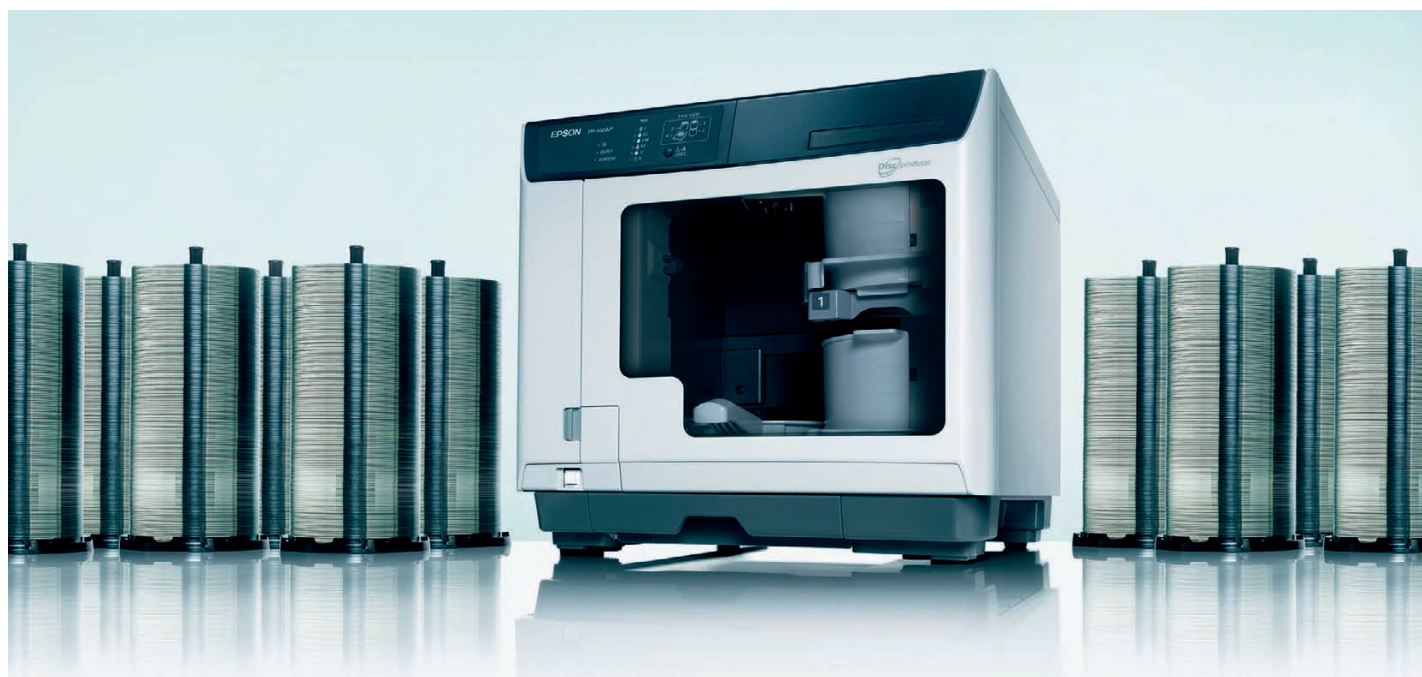
Epson **PP-100AP Autoprinter**

The Epson PP-100AP Autoprinter delivers professional prints on CDs, DVDs and BDs.

The PP-100AP processes up to 95 discs per hour and is therefore ideally suited for quick and efficient large batch production of professionally designed digital media. This Autoprinter delivers high-quality printing while keeping costs low. When duplicating high volumes of discs professionally – the system can be scaled to match your requirements: you can control up to six PP-100AP Autoprinters from one computer and process up to 570 fully printed discs (45mm – 116mm) per hour.

When the maintenance cartridge is changed as requested by the software (approx. every 30,000 discs) the lifetime of the PP-100AP Autoprinter can exceed 100,000 printed discs. This value is outstanding in the market of desktop autoprinters.
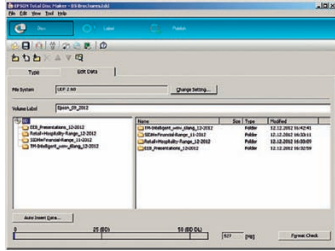
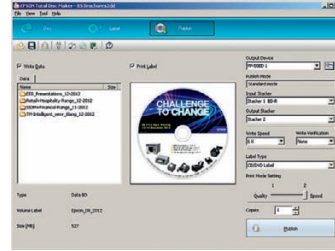Easy to change maintenance cartridge.

Total Disc Maker

All Discproducer models come with the software and tools you need to burn and print discs.
Total Disc Maker includes disc editing, label editing and publishing functions.
All it takes is a few easy steps:

1. Select data:
Simply select the media
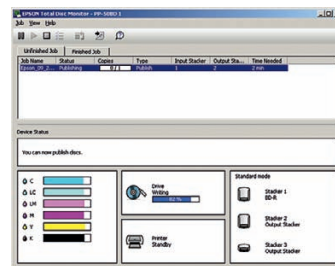format, then drag, drop
and burn.

3. Configure production:
The software leads you through
the process of setting up
parameters for the number of
discs, burning and print speeds,
input and output tray selection
and print resolution. Then click
'Publish' to start production.

2. Design the label:
Use your own design or one of
the pre-defined templates and
images provided. The preview
display allows you to check your
composition and save your work
for easy retrieval.

4. Monitor production:
Epson's Total Disc Monitor
software keeps you informed on
the state of important functions
as well as any current and
pending jobs.

Epson's comprehensive Total Disc Maker software lets you quickly compile your data,
create labels and configure the production process all-in-one easy-to-use application.

In addition, the Monitor and Setup software can be used to administrate several Discproducers
or check settings. All parts are available in English, French, German, Spanish, Italian, Dutch,
Portuguese, Japanese, Polish and Czech.

Each Discproducer box includes:
– Total Disc Maker: installed on the user's PC to publish discs
– Total Disc Monitor: displays the status of jobs and devices
– Total Disc Setup: installed on the user's PC to make Total Disc Maker settings

Total Disc Maker is also available for Mac OS-X which supports the PP-50, PP-100,
PP-100II and the PP-100AP.

Total Disc Bridge: to implement Discproducers into other applications, can be downloaded
after registration on a dedicated Epson server.

**Some clever features simplify the
print process, for example:**

– Batch numbering
– Automatic date and time
– Automatic folder tree printing
– Automatic thumbnail printing
– Automatic data volume printing
– 20 templates for a quick start
– Curved text
– Barcode printing
– Merge printing (5.0 or later)
– Read back (5.0 or later)

Mac

CONSUMABLES AND OPTIONS

To get the best publishing results, Epson offers the famous JVC/Taiyo Yuden WaterShield media together with one set of ink cartridges or as a set of 300 media. These are the only media in the industry that confirm a data reliability of over 100 years (CD) or 50 years (DVD) in addition to the high-quality glossy and water resistant finish of the printed surface.

For high data volume archiving needs on Blu-ray discs™, the Panasonic BD-R are the preferred choice with state-of-the-art accuracy of the data for up to 50 years.

Main units

Product	Product code
PP-50 with Euro power cable	C11CB72021
PP-50 with UK power cable	C11CB72021CU
PP-50BD with Euro power cable	C11CB72321
PP-50BD with UK power cable	C11CB72321CU
PP-100II with Euro power cable	C11CD37021
PP-100II with UK power cable	C11CD37021CU
PP-100IIBD with Euro power cable	C11CD37121
PP-100IIBD with UK power cable	C11CD37121CU
PP-100 with Euro power cable	C11C672022
PP-100 with UK power cable	C11C672022CU
PP-100N with Euro power cable	C11CA31021
PP-100N with UK power cable	C11CA31021NU
PP-100N Security with Euro cable + kit	C11CA31021SA
PP-100N Security with UK cable + kit	C11CA31021SU
PP-100AP Autoprinter with Euro cable	C11CA93021
PP-100AP Autoprinter with UK cable	C11CA93021AU

Epson CoverPlus

This optional, additional warranty extends your peace of mind for three years from the date of purchase. Epson CoverPlus allows the option of extending and upgrading the standard warranty available with the product to provide additional cover should the product develop any fault. Epson CoverPlus extended warranty packs must be purchased within 90 days of the purchase date of the original product it is to cover.

Consumables

Product	Product code
PJIC1 Ink cartridge, Cyan	C13S020447
PJIC2 Ink cartridge, Light Cyan	C13S020448
PJIC3 Ink cartridge, Light Magenta	C13S020449
PJIC4 Ink cartridge, Magenta	C13S020450
PJIC5 Ink cartridge, Yellow	C13S020451
PJIC6 Ink cartridge, Black	C13S020452

Product	Product code
Kit JVC/TY WaterShield CD-R × 900 + ink set	5115078
Kit JVC/TY WaterShield DVD-R × 900 + ink set	5115079
Media JVC/TY WaterShield CD (300 × CD-R)	5115076
Media JVC WaterShield DVD (300 × DVD-R)	5115077
Media Panasonic Blu-ray (100 × BD-R SL 25GB)	5129568
Media Panasonic Blu-ray (100 × BD-R DL 50GB)	5129569

Options

Product	Product code
Maintenance cartridge PJMB100	C13S020476
Pioneer DVD drive for PP-100II	C32C891002
Pioneer BD drive for PP-100IIBD	C32C891001

For more information please contact:

Telephone: 0871 222 6702 (UK)⁺
01 436 7742 (Republic of Ireland)
E-mail: enquiries@epson.co.uk
Chat: etalk.epson-europe.com
Fax: 0871 222 6740

Web: www.epson.co.uk
www.epson.ie

⁺ Calls cost 10p per minute plus network extras.

DiscProducer_Brochure_1GB_03/13

EPSON®