PUBLISHING SPEED (Burn and Print) CD DVD	30 discs/hour, Epson specified CD-R 600 MB data volume, writing speed: Drive max speed: 40 x 15 discs/hour, Epson specified DVD-R 3.8 GB data volume, writing speed: Drive max speed 12 x
PUBLISHING MODES (number of copies) External output Standard mode Batch mode	 1 – 5, 2 stackers & pick-up tray used 1 – 50, 2 stackers used 1 – 100, 3 stackers used
PRINT SPECIFICATIONS Print speed Print head Print direction Print resolution	 45 discs/hour, bidirectional, (Fast mode) 30 discs/hour, bidirectional, (Fine mode) Black ink 180 nozzles, Colour ink 180 nozzles x 5 colours Bidirectional or unidirectional High-speed 1440 dpi x 720 dpi (Fast mode), High-resolution 1440 dpi x 1440 dpi (Fine mode)
INK CARTRIDGE Ink type Colours Capacity	 Dye ink Cyan, Magenta, Yellow, Light Cyan, Light Magenta, Black 1000 discs or more (Ø 45 – 116 mm, 16,7 % colour sharing, continuous printing, mode setting: Fine)
PRINT AREA Standard setting for outside diameter Outside diameter setting range Standard setting for inside diameter Inside diameter setting range Guaranteed print area	 Ø 116 mm Ø 70 – 119.4 mm Ø 45 mm Ø 18 – 50 mm Ø 45 – 116 mm
CD/DVD DRIVES 2 drives Writing speed: CD Writing speed: DVD	 Maximum 40 x DVD-R, DVD+R: Maximum 12 x DVD-R DL, DVD+R DL: Maximum 8 x
SUPPORTED MEDIA Outside diameter Inside diameter Thickness Form Type Surface	 Ø 120 mm ± 0.3 mm Ø 15 mm + 0.1/-0 mm 1.2 mm + 0.3/-0.1 mm Supports common 12 cm (4.7 inch) discs. Does not support specially-shaped discs CD-R, DVD-R, DVD+R, DVD-R DL, DVD+R DL Printable (high quality or glossy). For glossy discs, only supports Epson-recommended products
EXTERNAL DIMENSIONS	Width 377 mm, Depth 465 mm, Height 348 mm (excluding the AC cable and USB cable)
MASS	Approximately 24 kg (52.9 lb), including the stackers and ink cartridge, excluding the AC cable and discs
SOFTWARE Total Disc Maker Total Disc Monitor Total Disc Setup TD Bridge System	 Installed to the user's PC to publish discs Displays the status of jobs and devices Installed to user's PC to make settings of PP-100 To incorporate third party applications
REQUIRED IT-ENVIRONMENT OS CPU HDD Graphics environment Sound environment USB 2.0 (High-speed) port	 Windows XP SP2 or later, Home/Professional, Windows 2000 SP4 or later, Professional. Windows Vista Home, Home Premium, Business, Professional SP1 Pentium 4, 1.4 GHz or higher, Memory: 512 Mbytes or larger 10 Gbytes or larger, 7200 rpm or more XGA or more, 65536 colors or more A sound device and a supported driver must be installed for music media This product cannot be used in the USB ports of PC's equipped with some ATI's chipsets as follows: ATI's Southbridge IXP (SB)460 or earlier individual published performance results may vary depending on processing capacity of PC
INTERFACE	Universal Serial Bus Specifications Revision 2.0, Transmission speed: 480 Mbps (High-speed device)
ELECTRICAL	Rated voltage: AC 100 V to AC 240, Frequency: 50 Hz to 60 Hz
STANDARDS CE Marking	 EMC Directive 2004/108/EC, EN55022 Class B, EN61000-3-2, EN6000-3-3, EN55024 Low Voltage Directive 2006/95/EC, EN60950-1 (TÜV)
WARRANTY	1 year on-site including drives, with optional CoverPlus extension to 3 years on site.

EPSON DISCPRODUCER™ PP-100

Epson
Discproducer™ PP-100 (USB)
CD/DVD Disc Production System
C11C672022CU

Epson
Discproducer™ PP-100N
(Network)
CD/DVD Disc Production
Network System
C11CA31021NU

Epson
Discproducer™ PP-100NS
(Network and Security)
CD/DVD Disc Production Network
Security System
C11CA31021SU

INK CARTRIDGES

●	Cyan	C13S020447
●	Light Cyan	C13S020448
●	Light Magenta	C13S020449
●	Magenta	C13S020450
●	Yellow	C13S020451
●	Black	C13S020452

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EPSON COVERPLUS +

Disc producer™

AcuGrip™

Better Products for a Better Future

For more information please contact
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Chat: etalk.epson-europe.com

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

EPSON®

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EPSON®
EXCEED YOUR VISION

EXPERTS IN PRINTING AND ROBOTICS

You know the situation. You just want to burn and print a handful of CDs/DVDs – and suddenly, half your day's gone. It doesn't have to be like this. The fully automatic Epson Discproducer™ PP-100 can do it for you at the touch of a button, leaving you free to focus on other tasks. Whether you need just one disc, or one hundred, you'll find it delivers reliable data burning and photo-realistic printing – quickly, efficiently and very cost-effectively.

Ideal for a wide range of applications

Duplication service
The Epson Discproducer™ PP-100 is your perfect tool for maximising margins in the rapidly growing media production market. Whether you want to use it for an individual disc or a batch job, its high reliability, superb print quality and cost-effectiveness make it the ideal system for service providers.

Clinics and practices
Supply a better service to your patients through the use of digital data in areas such as radiology, cardiology, ultrasound and CT imaging. The Epson Discproducer™ PP-100 burns data and images quickly, and helps cut costs when switching from analogue X-ray or CT film to digital imaging.

Corporations
Reduce your labour overheads by removing the need to manually burn and label discs in marketing, sales, product development and customer service departments. Automating the procedure using the Epson Discproducer™ PP-100 saves considerable time and money, whilst ensuring that your confidential data stays in-house.

Advertising and photo agencies
The CD/DVD medium plays a dual role. Not only is it an efficient way of delivering digital content to your customers – you can use creative labelling as a powerful promotional tool. The Epson Discproducer™ PP-100 uses 6-colour Micro Piezo™ inkjet printing to give you the opportunity to showcase your design skills through high-impact labelling.

The Public Sector
By automating the burning/printing process, the Epson Discproducer™ PP-100 offers your organisation a valuable way of reducing costs, streamlining processes and enhancing quality and efficiency.

We are the only manufacturer in the world to design and develop both precision robotics and advanced printing solutions. This means we have the expertise in these areas to set new standards in professional disc publishing. The Epson Discproducer™ PP-100 delivers the highest printing quality in its class – plus the excellence and reliability for which we are known.

There are three versions in the Epson Discproducer™ PP-100 range:
• PP-100 (USB)
• PP-100N (Network)
• PP-100NS (Network and Security).
Please ask your reseller for more information.

Schools and universities
If you work in education, you'll know that multimedia content has become increasingly important – and that the need for fast and cost-effective CD/DVD duplication is growing. With the ability to duplicate up to 30 CDs per hour and more than 10,000 per year, the Epson Discproducer™ PP-100 is ideally suited to meet the demands of the educational sector.

Software and IT companies
When you regularly need to produce customer-specific batches of CD/DVDs, the Epson Discproducer™ PP-100 is an essential piece of kit. Whatever you're creating – software updates, service packs, multimedia product presentations or data archiving – the Epson Discproducer™ PP-100 will speed up production and help reduce your labour and process costs.

Pre-press services
The Epson Discproducer™ PP-100 is invaluable for quickly and conveniently burning work onto visual storage media for your clients. You can even exhibit your company's creative standards using the printed disc graphic, thanks to the outstanding photo-quality performance of the 6-colour Micro Piezo™ inkjet printer.

Multiple data types
Working with the Epson Discproducer™ PP-100 is as easy as working with an ordinary office printer. Whatever volume of data you need to burn – and whatever type, from music and photos to videos and multimedia presentations – you'll find perfect results at your fingertips.

EPSON DISCPRODUCER™ PP-100 AT A GLANCE:

Real reliability
- Solid, durable, dust-proof body
- Long lifespan with superb reliability
- Intuitive operation

Impressive print quality
- Best print quality in its class
- 6-colour Micro Piezo™ technology for vibrant prints
- Water-resistant prints using WaterShield™ media
  (media from other manufacturers also supported)

True cost-effectiveness
- Individual inks – only replace the colour used
- Patented AcuGrip™ robotics ensure precision handling of discs and eliminate the possibility of damage
- 1,000 prints per set of ink cartridges

Total convenience
- As easy to use as an ordinary office printer
- Only system in its class that offers the advantage of operation and status reporting from the front

High capacity
- Duplicate up to 100 CDs/DVDs in a single cycle
- Produce up to 30 units per hour

Trusted brand
- Epson is known for quality and innovation, plus support that's second to none

1

Ink level
Status LED

2

Six separate
ink cartridges

3

Three media trays
for runs of up to 100

4

Robotic arm

The Epson Discproducer™ PP-100 is the only product of its type that shows ink status for each individual colour using LED.

The Epson Discproducer™ PP-100 has three trays of 50 discs to allow fully automatic production runs of up to 100.

An additional drawer allows the removal of individual discs. This makes problems due to unreadable discs easy to resolve.

The Epson Discproducer™ PP-100 can be stacked to save valuable space.

AcuGrip™

When you know that we also design and manufacture precision robots used in a wide range of demanding applications, you understand why our reputation for reliability is unsurpassed in the industry.

The Epson quality hallmark
We are a world leader in the design, development and manufacture of robots for medical technology and airbag testing. That's why you'll find our products so reliable – they're built on the platform of knowledge and experience gained in robotics environments. The Epson Discproducer™ PP-100 is a perfect example, with its compact design, dust-proof body and minimum of moving parts delivering precision performance and excellent reliability.

Individual or batch production
If you need to burn and print an individual disc, no problem – you can have it at the touch of a button. And if you want to print batches? Again, it's simple – the Epson Discproducer™ PP-100 has three trays for 50 discs, allowing up to 100 discs to be produced in one work cycle. It also has an additional drawer for up to five discs, so individual CD/DVD blanks can be conveniently removed without opening the housing.

Compact, all-in-one design
The Epson Discproducer™ PP-100 is one of the smallest available, with a housing that's less than 40cm wide. It's the only system in its class 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 and print cartridges.

Patented AcuGrip™ robotic arm
Specially developed for the Epson Discproducer™ PP-100, the AcuGrip™ mechanism ensures that the robotic arm reliably grabs only one CD/DVD – even if they're stuck together. This increases the life of the product, and helps protect against unsupervised production runs being interrupted by mechanical blockage.
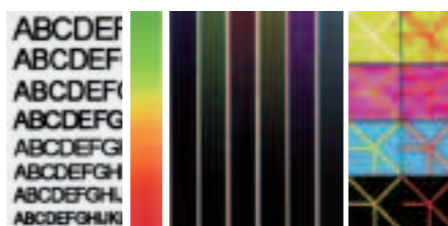
If you're looking for reliable, high-performance inkjet printing for your CDs/DVDs, plus a low cost of ownership - you've found it.

The ink cartridge for each colour can be easily changed in just a few seconds

Easy ink monitoring
It's quick and easy to find out your ink level status for each individual colour with the Epson Discproducer™ PP-100's unique LED system. This useful feature allows you to manually or automatically interrupt the printing process in the case of a near-empty cartridge. You can then avoid a situation where the system is printing without ink, which can cause damage and waste.
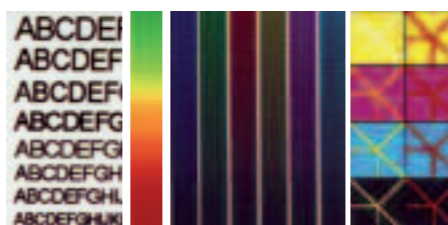

Epson Discproducer™ PP-100: Photo realistic colour gradients, smudge-proof, water-resistant, no ink bleed, razor-sharp text – even in 4 point!

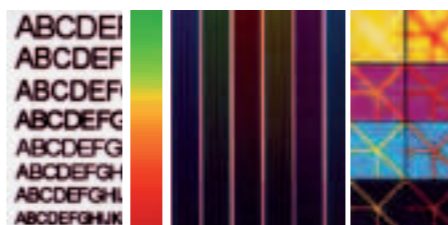### Micro Piezo™ printing with six colours
You'll find many advanced features which make the Epson Discproducer™ PP-100 unique – and one of these is its patented Micro Piezo™ ink system. It uses six colours instead of the usual four to offer you outstanding photo-realistic image quality. The unique Micro Piezo™ print head technology delivers ultra-fine colour gradation plus razor-sharp text – even in small font sizes.

Competitor A: irregular and impure colour gradients, ink bleed

Cost-effective and reliable
With the capacity to produce over 1,000 discs from each set of cartridges, depending on the print image, the Epson Discproducer™ PP-100 delivers an attractively low cost per unit. What's more, you have total flexibility in your choice of consumables – you can choose whether you use the specified consumables (Epson ink + WaterShield™ media), or buy your cartridges and media individually.
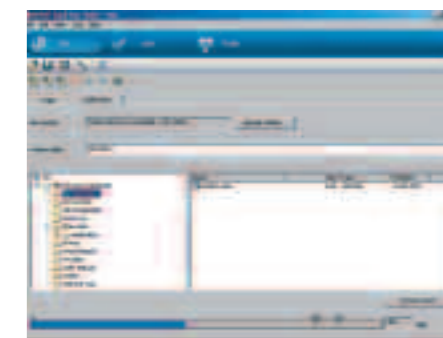

Competitor B: irregular and impure colour gradients, striation, unclear text

Working with the Epson Discproducer™ PP-100 is as easy as working with an ordinary office printer. Simply compile your data, compose an image, configure the run, click "OK" – and it's done. You're free to get on with other things.

Step 1: Compile data
The Epson Discproducer™ PP-100 software (Disc Editing view) works like standard programs for burning data on digital storage media. After indicating whether you're burning music, videos or data to the disc, you simply load the data and save it to an easily-created folder. It's quick and straightforward, so you don't need to be an expert – it can be done by novices and technophobes.

Step 2: Composing the print image
Composing your own CD/DVD image is easy using the Epson Discproducer™ PP-100 software (Label Editing view). You can either let your creativity run wild, or use one of the many pre-defined templates and images provided. The preview display lets you check your composition, and – when you're happy – you can save your work for easy retrieval in the future.

Step 3: Configuring production
These are the last few simple steps before you press 'go'. The Epson Discproducer™ PP-100 software leads you through the process, helping you to set parameters such as the number of CDs or DVDs to be burned, the burning and print speed, the in/out trays for discs, and print resolution. Then simply press "Publish" – and your production run is on its way.

Monitoring system reliability
The Epson Discproducer™ PP-100 Monitoring software keeps you informed about all important parameters, such as tray status and pending jobs. This helps you choose whether to let your production run continue unattended, and protects you against any unexpected interruptions – especially useful when you're working against a tight deadline.