



2Print[®] mini
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Optical Media UV Digital Printer



Mini size



MAXI RESULTS

SAME TECHNOLOGY SAME QUALITY

Designed for the smaller company who would like to benefit from all the advantages a 2Print offers, but in a scaled down version. Mini size and mini price, yet maintains all of the tried and tested technology and image quality of its bigger brother.

Move your business



TO THE NEXT LEVEL

HIGHER THROUGHPUT HIGHER PRODUCTIVITY

Up till now smaller companies had to make do with water or solvent based desktop printers having very slow cycle times. Today they too can enjoy the benefits of an industrial UV digital printer. Eliminating bottlenecks and offering a faster service means more business.

Proven technology



SUCCESS GUARANTEED

FORTY YEARS OF EXPERIENCE

Tapematic has built machinery for the multimedia industry for forty years and digital printers for the past four. 2Print has set a benchmark in digital optical disc printing that others find difficult to compete with. The mini uses this to set yet another first within our industry so that your success is guaranteed.

Lower costs



MORE TO GAIN

LESS EXPENSES MORE PROFITS

Ask any 2Print owner and they will confirm that the automation, professional UV inks, fast cycle times and 24/7 operation that 2Print offers, results in lower print costs, faster turn rounds, and higher outputs which results in a higher profit.



IMAGE FILE

2Print mini accepts any conventional image file. Importing your images could not be simpler: 120mm x 120mm canvas without target or alignment marks. No other preparation or image treatment is necessary. Simply load in the image, type in a title, and you are just a click away from satisfying another customer.



INTERFACE

Images to be printed are stored in customer holders for immediate retrieval. All machine controls and settings are easily accessed allowing changes to be made as and when necessary.



PRINT DIRECT

2Print mini's inkjet uv technology prints without contacting the substrate. Ink droplets fall less than one millimetre directly onto the disc surface. Within a fraction of a second the droplets are cured into a hard and durable surface. Your customer's artwork can be printed onto all types of disc surfaces, whether they require white flooded discs or untreated silver discs.



COLOUR MANAGEMENT

Linear colour profiles come with every 2Print mini, but if 'custom' profiles or 'special' needs are required, it is a very simple process to change the profiles on the fly.



JOB CHANGE

Print bottlenecks are now a thing of the past. New images are loaded in a matter of seconds and as there is absolutely no alignment or adjustments necessary, changeover time can be considered almost zero.



COST PER DISC

Due to existing costs of all other printing methods, the traditional cost-per-disc is ten, twenty, and even forty times more expensive than printing using 2Print mini. 2Print mini pays for itself in no time. With many millions of discs now produced, we proudly confirm that the ink cost per disc is less than two euro cent.

Right model



RIGHT PRICE



2Print mini 4

The base model offers 4 colours which allows for the smallest of companies to be as competitive as the larger. Print cost per disc averages around 2 cents per disc for full colour printing and much less for simple artwork printing.



2Print mini 6

This model offers 6 colours which allows for more colour depth and clarity when printing facial images. Print cost per disc averages around 2 cents per disc for full colour printing and much less for simple artwork printing.

Performance

0.02 € cost per disc

Up to 700 discs per hour

Job change in under 20 seconds

Features

Prints directly onto the disc surface

Optional in line white flood

Excellent image printing

Built for 24 / 7 use

Technical specifications

Media	
Media printed	All optical discs formats BD, HD, DVD, CD Ø120 mm
Print	
Heads	Array of 4 - 6 UV piezoelectric drop on demand inkjet heads with built in heater
Ink type	UV curable with high adhesion on media
Ink supply	Collapsible bags changeable during print process - low level sensor
Colours	2Print mini 4 C MY K 2Print mini 6 C MY K Lm Lc Optional white flood
Resolution	Selectable via software
Software	
PLC	2Print Tapematic programme
RIP	Licensed imaging and correction software
Image transfer	LAN, USB, wireless
Original image files	PostScript, PDF, Jpeg, Tiff, EPS
Images stored	> 6000, divided in folders
Process	
Disc in-feed	Standard spindle 150 discs
Disc out-feed	Standard spindle 150 discs
Print cycle	4 discs in-line on a shuttle
Production	Up to 700 discs per hour
Physical	
Dimensions	1000 w x 1600 l x 1300 h mm
Open	1800 mm
Weight	750 kg
Utilities	
Power	220V single phase 50/60 Hz 8 k VA
Air	6 bar 200 N l/min
Vacuum	- 0.8 bar 10 m ³ /hr
Water	Chiller 4 k VA
Environment	
Work area	2 m x 4 m ceiling height minimum 2 m
Temperature	22 - 26 °C
Relative Humidity	55 - 65% non condensing
Safety	
CE	Complies with all current regulations
Ink	Non toxic fumes - no exhaust required
Options	
Silk screen	In-line flood white
Silk screen dosing	Automated ink supply
Media	Shapes - 80 mm
Serialization	Progressive numbering

We reserve the right to make modifications without prior notice

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Italy

Tel. +39 039 6010145
Fax +39 039 6010558
2Print@tapematic.it

USA

Tel. +1 407 852 1901
Fax +1 407 852 1902
2Print@tapematic.com

UK

Tel. +44 1787 220266
Fax +44 1787 224843
uk@tapematic.com

Asia

Tel. +852 2785 8631
Fax +852 2785 9909
asia@tapematic.com

