

## UV Disc-Finishing with Artcoater

Professional choice for quick turnaround, low volume CD/DVD creation and print

The Artcoater is the ideal finishing device, providing photo quality printed discs with a permanent and water proof finish. Ink Jet printed discs are vibrant with high quality colour and the current ink and disc surface technology means that discs are normally dry to touch as soon as they are printed. This finish is more than suitable for many applications, however all ink jet based printing solutions utilise water based inks. So, if a disc is being touched with wet or moist fingers the printed image is liable to staining or smudging.

### Why do I need an Artcoater

Inkjet printed discs offer the benefits of full digital print *Direct to disc surface* with fantastically high resolution with the convenience of *on demand* production. An ink jet printed disc has a durable finish for many applications, but being water-based the finish can smudge with moisture or if the disc is handled with wet hands for example. Coating the surface of discs also enhances and enriches the colours as well as applying a durable, moisture resistant protective layer.

### UV Disc Finishing

Using precise spray technology and UV (ultra violet) light hardening a clear coating of approximately 3 microns is applied evenly over the printed surface of the disc resulting in *instant dry* which enables you to place the finished disc directly into a PVC wallet without sticking.

This unique technology involves applying a precision amount of controlled lacquer onto the surface of the disc, then moving the disc under a UV lamp to instantly cure the surface.

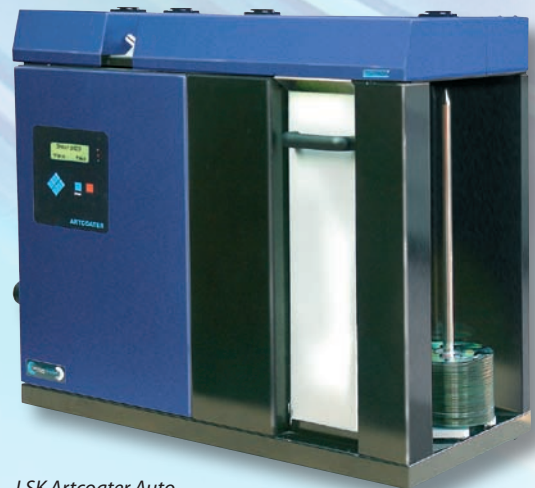
The patented *Adjustable Coating Head Technology* allows the user to fine tune the process to achieve the desired finish from full gloss to satin depending on preference and disc surface type.

Clean and virtually odourless, the Art Coater is designed to be used in a printing and duplication environment, with the benefit of low cost consumables.

Coating the surface of discs enhances and enriches the colours as well as applying a durable moisture resistant protective layer.

### Artcoater Auto

The *Art Coater Automatic* holds about 220 discs and also produces a disc every 30 seconds. It is the ideal finishing device, providing photo quality printed discs with a permanent and water proof finish. Designed to be used in a printing and duplication environment, the Artcoater is clean and virtually odourless with the benefit of low cost consumables.



LSK Artcoater Auto

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FACTS

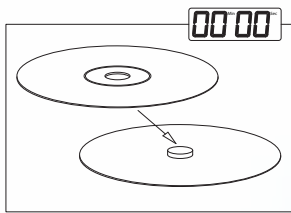
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- Fully Automatic Process
- Less Than 1 Euro Cent Per Disc
- Gloss Laquered, Fully Durable Discs
- Desktop Operation
- Dry Ready For Packaging

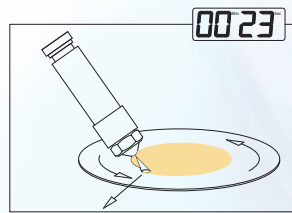


FACTS

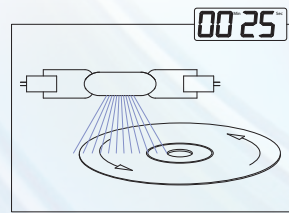
Production process of surface coating with Artcoater fixing System.



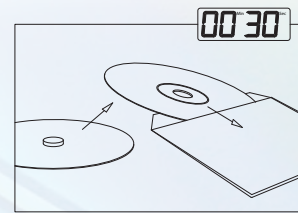
Load disc to turntable



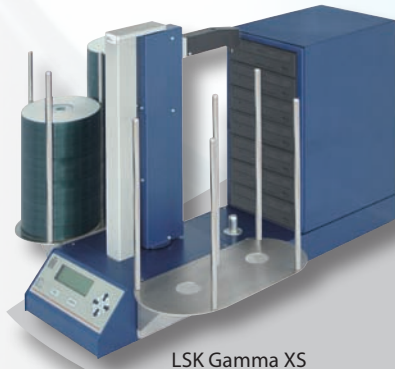
Coat disc using *adjustable coating head technology*



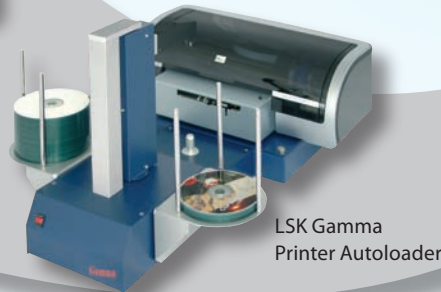
Ultra Violet drying of disc surface



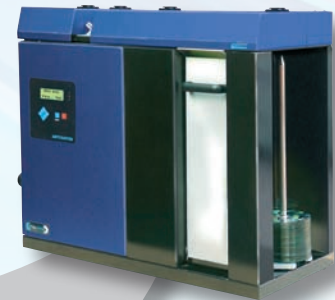
Disc dry - ready for packaging



LSK Gamma XS



LSK Gamma Printer Autoloader



Artcoater

Total Digital Print to Disc Surface and Coating Solution

## Specifications Artcoater

- UV (Ultra Violet) coating applied by Copytrax Technologies, Adjustable Coating Head Technology' patent applied for.
- 120 discs per hour
- Adjustable for coating and finish - satin/gloss
- Robotic carriage and turntable - ,designed-in' durability
- UV Lamp and reflector assembly
- UV Lamp operation 5,000 hours (easy to change)
- Large surface area, Carbon Filter' replaceable consumables
- Self-purging - low maintenance ,Adjustable Coating Head Technology'
- 110/240 V 50-60 Hz
- Air input - >(70psi) 6 BAR - 15 litre minimum tank recommended
- UV laquer - Copytrax Artcoat UV 1 litre
- 7,000 - 120 mm disc per litre approx.
- Note that system needs to be vented to outside atmosphere

<b>Power</b>	240 V / 110 V, 50 Hz-60 Hz
<b>Dimensions Artcoater Auto (W x H x D)</b>	330 x 700 x 750 mm <sup>3</sup>
<b>Weight Artcoater Auto</b>	39 kg
<b>Weight extractor</b>	3.2 kg
<b>Certifications</b>	CE
<b>Basic Warranty</b>	1 year limited

Specifications are subject to change without notice. Ver. 05/2006



Made in Europe

Artcoater 05/2006



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