

KOCHKA

FC1

Technology

The mastering market is extremely mature. Replicator's needs are not properly taken into account. Electroforming is a manufacturer's nightmare in terms of productivity, simplicity and cost. The dream of any replicator is a mastering equipment as simple as one's office CDR/DVDR burner. Kochka Technology offers just that : all metallic stampers, made from high quality blank stampers, no electroforming required!

Our direct mastering process allows you to go from customer data to moulding within the timeframe usually requested for glass mastering.



The New Green Direct Mastering Technology

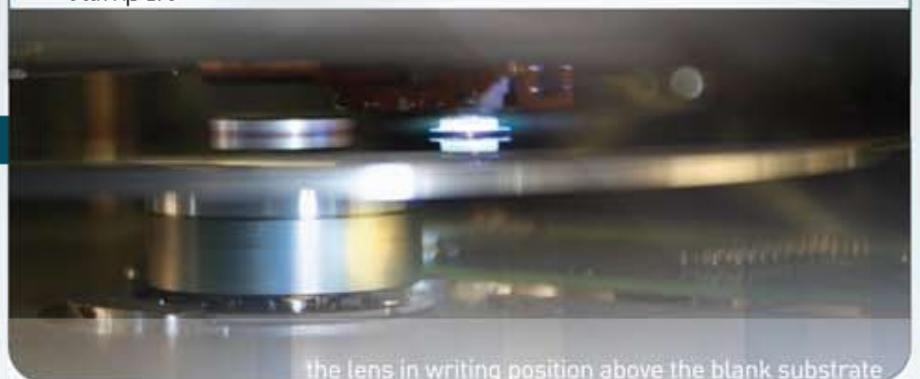
- The **FC1** is a new generation of direct mastering based on low investment , high quality blank stampers, and Kochka proprietary process.
- The **FC1** integrates BD, DVD, CD capable drive, associated with a wet process position. (CD and DVD currently implemented)
- Manufacturing a stamper requires writing the information in photoresist (step one, dry, first process position) and transferring information into the metallic substrate (step2, wet, second process position).
- No electroforming, minimal process liquid volumes, no water processing requested.
- Small footprint, integrating whatever is needed to manufacture stampers

Green
Clean
Fast
Green
Lean
Fast

About Kochka Technology

Our team brings together technologies from a variety of fields together in order to provide the solutions needed by the industry (market pull).

We use just the right level of technologies to meet customer's expectations in terms of simplicity, productivity, low cost and environmental compliance.



the lens in writing position above the blank substrate

Features

Modules	Description
Process unit LBR	LBR for CD 6x and DVD 2R to write substrates 71 CD per 24 hours 35 DVD layers per 24 hours
Wet Process Unit	Equipment for the developing, etching, stripping, rinsing, drying substrates Throughput : one WPU for 2 LBR
Options	
2nd drive	LBR for CD 6x and DVD 2R to write substrates additional 71 CD per 24 hours (i.e. 142 CD for the two LBR) additional 35 DVD layers per 24 hours (i.e. 70 DVD layers for the two LBR)

System specifications

Physical Characteristics

Module	Length		Depth		Height		Max Installed Weight	
	in.	mm	in.	mm	in.	mm	lb.	kg
FC 1	65.7	1670	35.4	900	82.6	2100	<1600	<700

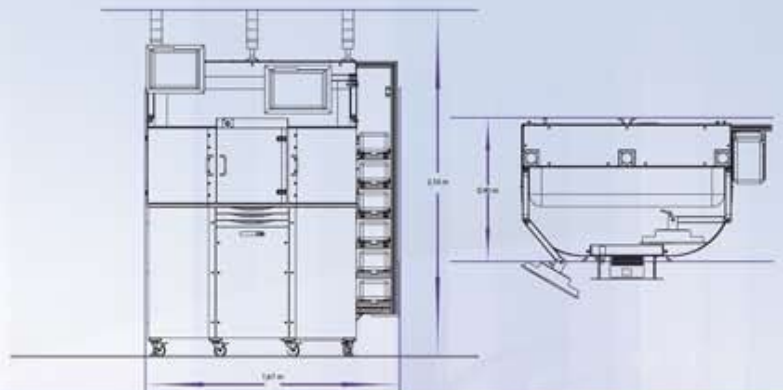
Power Requirements

- * Base system : 100-240VAC
50 or 60Hz

Communications

- * Gigabit LAN Ethernet

Formatter included



ADIVAN High Tech AG, Leuholz 17, PO Box 241, CH - 8855 Wangen SZ

Tel.: +41 +55 450 00 00, Fax: +41 +55 450 00 10, email: info@adivan.com