



Maschinen GmbH

3D DLP Printer

DP110E + CL-5C End User Price 12.900 € plus VAT



Stand Alone
Master EV

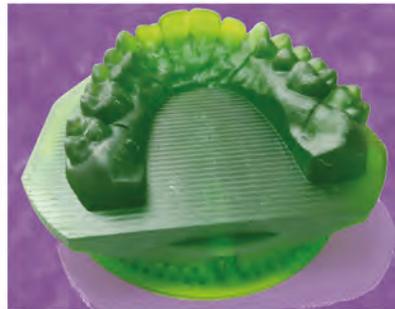


Desktop Printer
DP110E

Special Launching
9.900,-
plus VAT



Curing Device
CL-5C



Features:

- * Easy to use
- * Open system accepts open STL data
- * Small Footprint
- * Precise Printing by DLP Process
- * Up to five drilling guides per shift
- * Touchscreen
- * High speed with high precision

COBRA Print Master EV & DP110E

Dental 3D DLP Printer



Maschinen GmbH

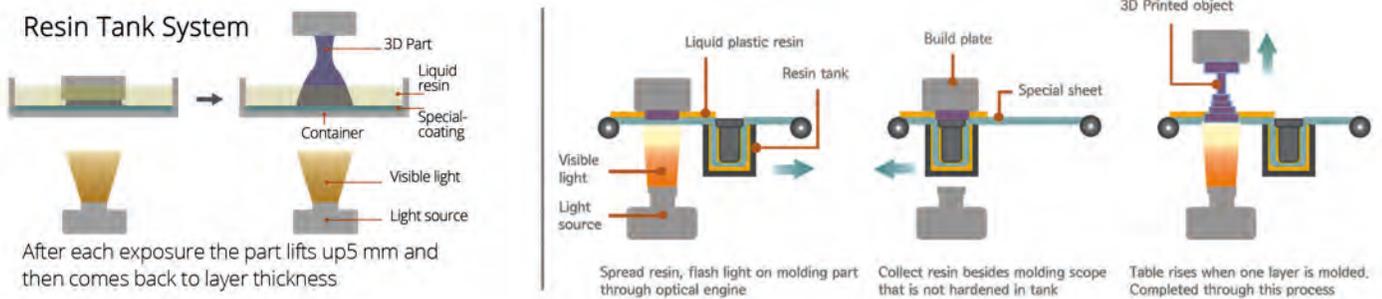
Digital Light Processing is a process, in which a dot pattern will be projected on a liquid resin surface. The light exposure is not done dot by dot, like a light or laser beam but on the entire surface in one phase.

By varying the strength of light exposure the curing of the layers can be controlled

This enables You to remove the support structures easier.

MB Printers use different resin leads.

One is a resin containing tank system, the other one a foil feeding system.



Technical Data

Printer Type	Master EV	DP110E	Long lasting UV-LED
Resolution	1920x1080 Pixel	1024x768 Pixel	High Accuracy
Accuracy XY	244 PPI	237 PPI	4 Layer steps 0,025, 0,05, 0,075, 0,1 mm
Layer thickness	0,025 - 0,1 mm	0,025- 0,1 mm	HD Precision for Dental Parts
Print bed	200x112x200 mm	110x82x190 mm	High Printing Speed
Data	STL Data	STL Data	1 cm in less than 10 Min
Control System	PC mit Touch Screen	PC with Touch Screen	Low maintenance costs
Foot Print	635x500x1330 mm	380x255x743 mm	Quiet , suits even for offices
Weight	95 kg	19 kg	Easy to handle
Connection Load	AC 240V, 450 Watt	AC 240V, 260 Watt	Easy to use Slicing software
Leading System	Foil System	Resin Container	Automatic support construction
			Easy Touchscreen operations
			Data flow by USB-Stick or via network

Light Curing Device CL-5C

The post processing (curing) with the device is obligatory!

3D printer with light exposure process, polymerize the resins dimensionally stable.

After this the part must be cleaned (e.g. with alcohol) and the support structure must be removed.

Then it is needed to post cure the parts by the CL-5C

This guarantees the stability of the parts.

50 LEDs for short exposure time

Auto cooling during exposure

Timer 3-30 Min

Turning table (option)

Inner: : 210x235x200 mm

Outer: 250x275x385 mm

Weight: 6,5 kg

Connection Load: AC 230V, 55 Watt

Dental 3D DLP Printer