



New!

DMG 3Delux

State-of-the-art 3D printing.



DMG 3Delux:

State-of-the-art 3D printing.

DMG 3Delux is a DLP-based (digital light processing) 3D printer with exceptionally high speed. It can print high-precision parts faster than other professional devices in its category.

The DMG 3Delux uses the innovative WARP system developed by Sharebot R&D: This technology allows for an optimized printing process, reducing the light-curing time for every individual layer to only a few hundredths of seconds. The printing speed for use in dentistry could be increased from 10 mm/h to 100 mm/h – without compromising on precision.

The integrated full HD projector projects an accurate UV image on the printing material. The resin hardens as soon as it is captured by the light beam. Due to the vertical Z axis movement, this process is repeated layer by layer until the final model is created.

The easy to use slicing software transfers the data via a network connection or USB stick to the control software integrated in the 3Delux. The touch display of the printer allows for an easy and clear management of the pending print jobs.

IDEAL FOR USE IN DENTISTRY

The DMG 3Delux is one of the fastest professional 3D printer for dental usage. The WARP technology allows for highest speed with maximum precision. This makes the DMG 3Delux one of the most powerful DLP-3D printers of its kind and an ideal partner for the creation of dental print objects.

The DMG 3Delux is compatible with all standard dental CAD programs (STL files).

TECHNICAL DATA:

Pressure range:
approx. 56 x 100 x 100 mm

Maximum print speed in WARP mode:
100 mm/h

X and Y resolution: approx. 50 μ m
(\pm 25 μ m)

Z resolution: 5-100 μ m

Wavelength: 405 Nm

LED-UV projector with full HD
resolution: 1,920 x 1,080 pixel

Printer Size: 65 x 25 x 40 cm

Weight: approx. 25 kg

Slicing software (incl. material library
and own material parameter creation):
included

Web Management
Software: Integrated

DMG 3Delux	REF 170300
DMG 3Delux WARP	REF 170301
DMG 3Delux Upgrade WARP	REF 170302



LuxaPrint. High spirits in 3D.

State-of-the-art 3D printing: The LuxaPrint material family offers everything you could wish for when it comes to additive digital prosthetics. Pleasantly easy to handle, versatile use and reliable DMG high-quality. The LuxaPrint family consists of five high-quality light-curing resins that can be processed without issue on all standard 3D printers. New standards are set, specifically when combined with the DMG 3Delux high-speed printer.

SPEED AND HIGHEST LEVEL OF PRECISION

Faster is not always better. However, when quick printing is combined with extreme precision, work becomes significantly easier. With our LuxaPrint materials you can push the boundaries in both disciplines.

REAL TRANSPARENCY

Complete view, where ever it's needed. Thanks to the special material structure, e.g. LuxaPrint Ortho and Ortho plus have a complete unprecedented transparency of 99%. This opens up new possibilities in the fabrication of drilling templates and guides.

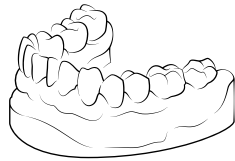
SUPER EASY HANDLING

Care has been taken with each material to ensure very easy handling – both before and after printing. Production takes place quickly and precisely. The printed objects have a surface structure which is accurate in every detail and are very easy to clean.

And here they are, your new uncomplicated partners for 3D printing.

LuxaPrint-Model for models

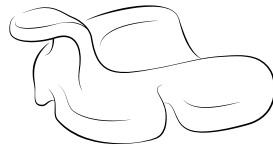
- Finest surface structure for perfect recognition of details
- Dimensional stability
- Precise



LuxaPrint-Tray

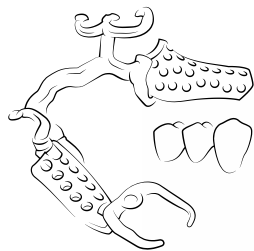
for individual function spoons

- Quick to print
- Extremely stable
- Exact fit



LuxaPrint-Cast for casting models

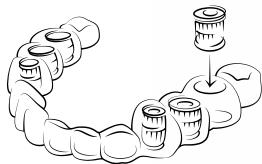
- Fine surface structure
- Dimensional stability
- Easy to cast (no cracks)



LuxaPrint-Ortho

for drilling templates

- Exact fit of the drilling sleeve
- Drilling template in accurate position
- Clear transparent, for perfect control »view« to the OP field



LuxaPrint-Ortho Plus

for guides

- Clear transparent
- Exact fit
- Not brittle

