

3D Printing in High Definition.

The IMPRIMO® system: The complete product range with UV-HD 3D printer and matching resin – fast, accurate, cost-effective and easy to use.

Asiga MAX™

The compact UV-HD 3D printer Asiga MAX™ is the most recent element of the IMPRIMO® 3D printing system.

Advantages at a glance:

- compact desktop solution
- UV-LED projector equipped with HD chip
- wavelength of 385 nm
- DLP technology for high build speed in layers of 1 µm thickness
- 62 µm xy-resolution
- RFID chip indicates when to exchange the tray
- continuous adjustment of layer thickness
- light sensor for consistent projector performance and uniform resin curing
- SPS™: Smart-Positioning-System Technology for precise print results
- monitoring of filling volume
- web-based control and monitoring
- wireless network
- interactive operation via touch screen
- coordinated material range
- individual support for the entire service life
- on-site commissioning



Dimensions (W x D x H): 260 x 380 x 370 mm
 Build volume: 119 x 67 x 75 mm
 Weight: 17.5 kg

Consistent data formats:

STL, SLC, STM

System requirements:

Processor: 2.4 GHz
 Memory: 4 GB
 Graphic: 256 MB, at least OpenGL 2.0
 Mouse: 3-button mouse with scroll wheel
 Network: Ethernet, WiFi
 Free disk space: 1 GB



Occlusal splints and drilling templates
 IMPRIMO® LC Splint



Dental working models
 IMPRIMO® LC Model



Individual functional trays
 IMPRIMO® LC Impression



Dental cast objects
 IMPRIMO® LC Cast



Transfer masks
 IMPRIMO® LC IBT



Gingival masks
 IMPRIMO® LC Gingiva

Product range

// Asiga MAX™	1 piece	#6501
// Tray 11	1 piece	#6516
// Tray 21	1 piece	#6515
// Tray 51	1 piece	#6517
// Tray 101	1 piece	#6518

Photo polymerizable resins, compatible with 3D printing systems with 385 nm light source.

IMPRIMO® LC Model

Resin at the base of methacrylate for fabrication of high-precision dental models, ivory.

Density: approx. 1.1 g/ml

Viscosity: approx. 0.7 Pa·s

Material hardness after curing: approx. 80 shore D

// IMPRIMO® LC Model 1 kg #6502

IMPRIMO® LC Splint

Resin at the base of methacrylate for fabrication of high-precision, transparent occlusal splints and drilling templates. Contains no diluent monomers.

Density: approx. 1.1 g/ml

Viscosity: approx. 0.7 Pa·s

Material hardness after curing: approx. 80 shore D

// IMPRIMO® LC Splint 1 kg #6503

IMPRIMO® LC Impression

Resin at the base of methacrylate for fabrication of individual functional trays and bases for bite registrations, neonorange.

Density: approx. 1.1 g/ml

Viscosity: approx. 0.8 Pa·s

Material hardness after curing: approx. 80 shore D

// IMPRIMO® LC Impression 1 kg #6506

IMPRIMO® LC Cast

Resin, castable and burning out residue-free, for fabrication of dental cast objects, red.

Density: approx. 1.1 g/ml

Viscosity: approx. 0.3 Pa·s

Material hardness after curing: approx. 85 shore D

// IMPRIMO® LC Cast 1 kg #6507

IMPRIMO® LC IBT

Flexible resin for fabrication of transfer masks in the indirect bonding technique, transparent.

Density: approx. 1.1 g/ml

Viscosity: At 23° C approx. 2.4 Pa·s

Material hardness after curing: approx. 80 shore A

// IMPRIMO® LC IBT 1 kg #6508

IMPRIMO® LC Gingiva

Flexible resin for fabrication of gingival masks, rose.

Density: approx. 1.1 g/ml

Viscosity: approx. 2.5 Pa·s

Material hardness after curing: approx. 60 shore A

// IMPRIMO® LC Gingiva 1 kg #6509

