



IMPRIMO® System

Everything for 3D Printing – Consumables, Devices, Service.



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IMPRIMO® System – Universal, validated and reliable.

Currently, the development of a validated process for medical 3D printing and post-processing is a crucial issue in the utilisation of digital technologies in the dental field. We, too, have taken our cue from this trend and developed a complete system for you:

The IMPRIMO® system allows for a coordinated process chain from 3D printing to cleaning and light curing. Our extensive material portfolio is tailored to the needs of laboratories and practices. Of course, individual support is included when it comes to setting up and using the printers

and the peripheral equipment.

The IMPRIMO® printer portfolio ranges from the DLP printer Asiga MAX™ to the high-end models Asiga PRO 4K meeting the needs of volume users.

The matching cleaning unit IMPRIMO® Clean and the light oven IMPRIMO® Cure complement our equipment range. Another plus: printers and peripheral equipment belonging to the IMPRIMO® system already meet the requirements of the new European Medical Device Regulation (MDR) for validated 3D printing processes.



CONSUMABLES



3D PRINTING



CLEANING

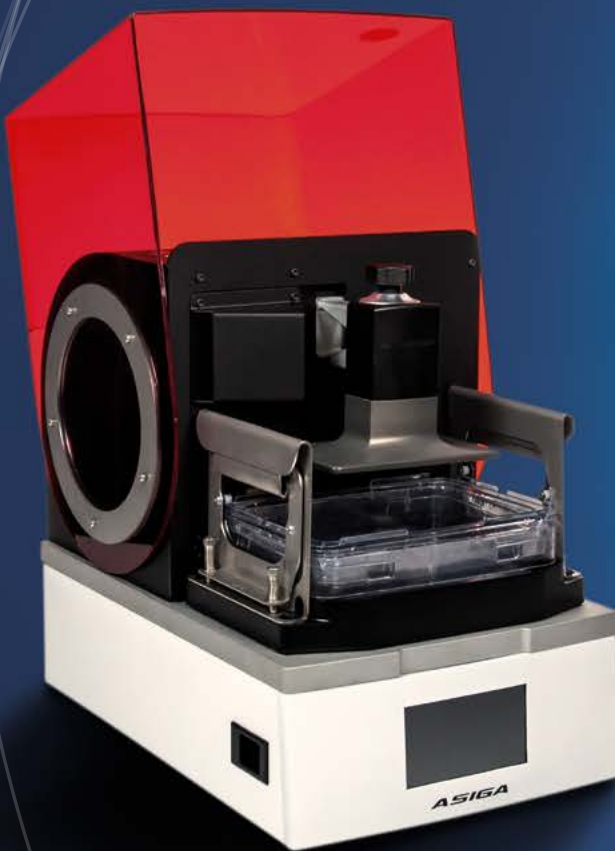
Together with our partner pro3dure, SCHEU DENTAL offers a wide range of resins for different printing systems. Whether you are a beginner, an advanced user or a professional – our IMPRIMO® system with its tailored range of consumables, devices and accessories will meet all your demands in medical 3D printing. Service is important to us, so please get in touch regarding installation and support. We are happy to assist!



CURING



Two model types for different needs



Asiga MAX™

Pixel size	62 µm
Build volume	119 x 67 x 76 mm
Build height	76 mm
LED UV-HD projector	✓
Light sensor for consistent projector performance	✓
385 nm DLP technology	✓
Compact desktop solution	✓
Extensive and verified material portfolio	✓

SCHEU-DENTAL offers two model types, Asiga MAX™ and Asiga Pro 4K, that differ in size and build space to match different needs of production capacity: While the Asiga MAX™ is an all-rounder in a handy desktop format, the floor-standing models of the Asiga PRO series are primarily destined for the demands of users with high printing volumes. A switchable 4K mode allows to reduce the pixel size, so that the Asiga PRO 4K devices achieve even more detailed print results at the same printing speed thanks to pixel shifting.

Both model types are characterised by precise and reliable DLP technology, ease of use and are practically maintenance-free. You can test the printers either at the facilities in Iserlohn, Germany, or at your authorised local dealer. You also have the option to rent Asiga MAX™.

The features of all our 3D printers at a glance:

- // Wireless network
- // Interactive operation via touch screen
- // Web-based control and monitoring
- // SPS™: Smart-Positioning-System Technology for precise print results
- // Anti-aliasing: increased precision and superior surface quality thanks to pixel accurate dosage of the energy input
- // Multirange: automatic reduction of layer thickness for detailed structures of the print object to improve the surface texture at the same printing speed
- // Tray with RFID chip
- // License-free Asiga Composer software
- // Commissioning and training by the SCHEU-DENTAL support team

Up to 7 dental arches can be arranged on the platform (at a hanging position).
Printing time: approx. 60 minutes

Asiga PRO 4K

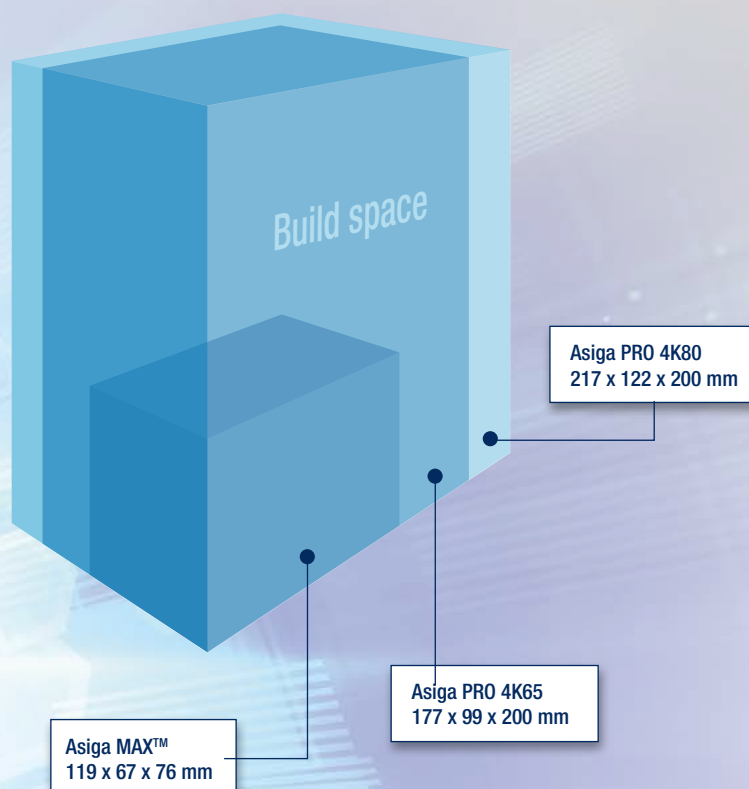
Up to 21 dental arches can be arranged on the platform (at a hanging position).
Printing time: approx. 80 minutes

	4K65	4K80
Pixel size	65 µm	80 µm
Pixel size 4K mode	46 µm	56 µm
Build volume	177 x 99 x 200 mm	217 x 122 x 200 mm
Build height	200 mm	200 mm
LED UV-HD projector	✓	✓
Light sensor for consistent projector performance	✓	✓
385 nm DLP technology	✓	✓
Extensive and verified material portfolio	✓	✓



Technical Data:

	Asiga MAX™	Asiga PRO 4K65	Asiga PRO 4K80
Article no.	6501	6538	6539
Image technology	DLP	DLP	DLP
Power	500 W	600 W	600 W
Voltage source	100-240 V	100-240 V	100-240 V
Light source	UV-LED	UV-LED	UV-LED
Wavelength	385 nm	385 nm	385 nm
Dimensions (W x D x H)	260 x 380 x 370 mm	475 x 540 x 1,375 mm	475 x 540 x 1,375 mm
Build volume	119 x 67 x 76 mm	177 x 99 x 200 mm	217 x 122 x 200 mm
Weight	16.5 kg	140 kg	140 kg
xy resolution	62 µm	65 µm (4K-mode: 46 µm)	80 µm (4K-mode: 56 µm)
Layer thickness	25-150 µm (continuous adjustment with accuracy of 1 µm)		
System-compliant data	STL, SLC, STM	STL, SLC, STM	STL, SLC, STM



Asiga Composer – The way to additive manufacturing.

Increase value creation in your lab or practice: Opt now for one of the Asiga printers and benefit from an independent manufacturing solution that can be easily integrated in your digital work flow – in combination with a computer and the Asiga Composer software.

The Asiga Composer software being part of the delivery is the link between your CAD software and an Asiga 3D printer for the operating systems Linux, Mac or Windows. You can generate dental objects using all common CAD programs. Printable files (STL, SLC, STM) can be easily imported. The program prepares the imported data independently for the following manufacturing process. Other features included in the software allow for automatic

support generation or utilisation of the complete building height and indication of the calculated building time (multi-stacking technique). The object volume serving as basis for the calculation of the cast weight can also be indicated. The printing process can run unattended. Upon completion of the process, the building platform goes back to the starting position and the printer switches off if required.

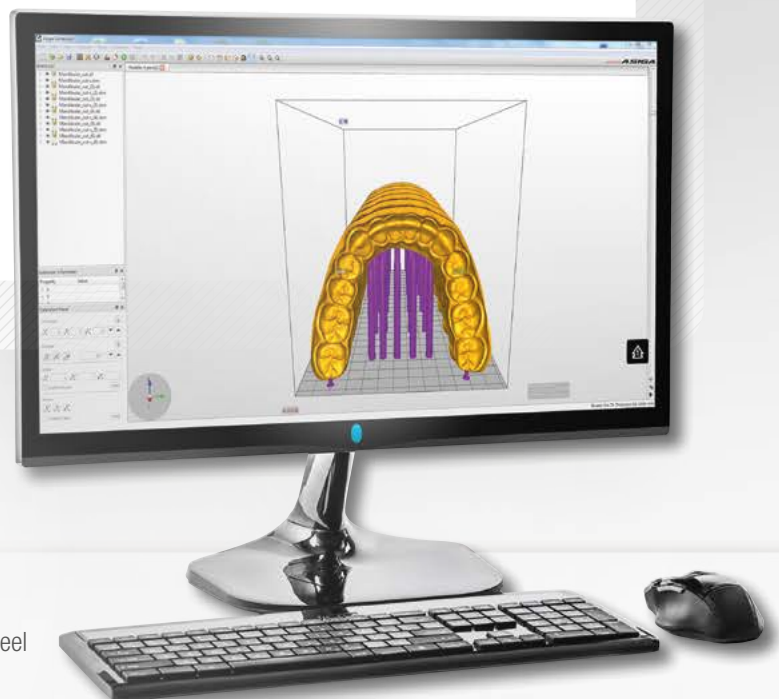
See for yourself: Asiga Composer is easy to use and allows you to control the printing process at any time.

The software features at a glance:

- // Calculation of building time
- // Remote function
- // Measuring function
- // Queue for several print jobs
- // Automated support generation
- // Individualisation of supports
- // Dynamic nesting

System Requirements

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



Convinced Users

“Asiga MAX™ is not just a machine, it's a superior revolutionary 3D printer by all means. Tough, reliable, accurate, smart and compact; it doesn't end here! Behind Asiga MAX™ is a very knowledgeable and friendly online support team from whom I have learned extensively.

It's a pleasure working with you.”

Antoine Bassil, dental technician and lab owner, Straight Arch Orthodontic Laboratory, Beirut, Lebanon

“We have been printing more than 30,000 dental models with the IMPRIMO® system since 2015 in our lab, enabling us to enhance the smiles of about 5,000 patients with CA® CLEAR ALIGNER splints. The printing procedure with Asiga MAX™ is precise and extremely reliable and has, together with the trustable 24/7 technical support, guaranteed our confidence and the satisfaction of our doctors and their customers.”

Rolf Faltin, DDS, MSc, PhD., CTO, CA® CLEAR ALIGNER do Brasil

“Thanks to the ease of use and very precise results your 3D printer is an important part of our digital work flow for production of model castings and models.”

Albert Köberlin, Dentaltechnik Köberlin, Pegnitz, Germany

“The Asiga MAX™ represents an indispensable link for successful indirect bonding within the digital work flow chain.”

Dr. Otmar Kronenberg, Dr. med. dent., Swiss-state certified dentist, Luzern, Switzerland



“PRECISE, FAST, RELIABLE - three words to define in summary the Asiga MAX™. Since I use this printer, I've come to know the difference between a professional 3D printer and the other available machines.”

Michele Ianotta, dental technician (orthodontics), L.O.Ve Laboratorio Ortodontico, Padua, Italy

“Our Asiga MAX 3D printer is the perfect complement to our digital work flow. Thanks to the accuracy of the 3D printing results, we can do completely without conventional impressions when scanning for preparations and models for planning. In addition, the printed models are very stable even for milling models and for thermoforming splints! We can work more efficiently in combination with the Omnicam and inLab.”

Dr. med. dent. Matthias Nagengast, dentist, Bamberg, Germany

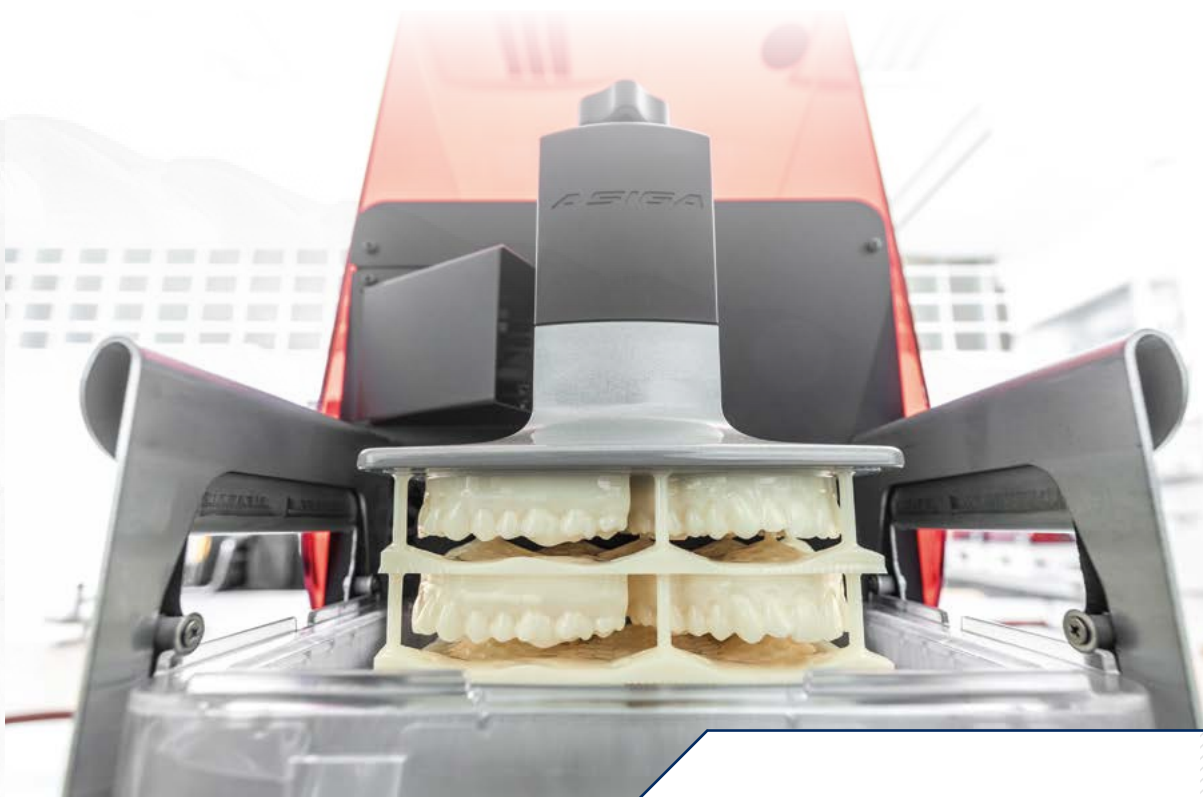


“The IMPRIMO® system fully completes our laboratory's digital work flow, with a reliable and fast printer we can confidently rely on for our high production work flow. It is a very smart and easy to use system that has been a straightforward integration to the lab, thanks to excellent support from SCHEU-DENTAL. The diversity of materials gives us the possibility to provide a wide range of restorations to our customers.”

Toni Uski, dental technician and lab owner, Tulo Tandteknik, Täby, Sweden

Building materials:

Our printer resins guarantee a wide range of applications for 3D printers with DLP technology.



IMPRIMO® LC Model
IMPRIMO® LC Splint
IMPRIMO® LC Impression
IMPRIMO® LC Cast
IMPRIMO® LC IBT
IMPRIMO® LC Gingiva
IMPRIMO® LC Temp
IMPRIMO® LC Temp It
IMPRIMO® LC MJF
IMPRIMO® LC Denture
IMPRIMO® LC Try-In

Working models, situation models, dies
Occlusal splints, surgical drilling guides
Bases for bite registration, functional trays
Casting objects
Transfer masks for the indirect bonding technique
Gingival masks
Provisional crowns and bridges as well as mock-ups
Long-term temporaries such as crowns and briges as well as mock-ups
Appliances for oral and maxillofacial surgery and implantology
Denture bases
Functional try-ins

IMPRIMO® LC Model

Working models, situation models, dies



	DLP (385 nm)
IMPRIMO® LC Model, 1 kg, ivory	REF 6502
IMPRIMO® LC Model, 1 kg, grey	REF 6504
IMPRIMO® LC Model, 1 kg, beige	REF 6505

IMPRIMO® LC Model is a photo-polymerizable and photo-sensitive resin that is best suited for solid or hollow models, for example with removable dies. The smooth and non-porous surface offers optimum conditions for further processing like for example pressure moulding. The material is available in ivory, grey and beige. Suitable for 3D printers with DLP technology (385 nm).

- Models generated with IMPRIMO® LC Model can be reproduced using duplicating material.
- The material is dimensionally stable when exposed to humidity and can be steam cleaned.
- The final product is characterised by a high dimensional stability and surface smoothness.
- When further processing methacrylates, we recommend using the 3D model insulation.
- The material does not contain any diluting monomers and is therefore odourless.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 178	108 MPa
Elongation at break	ISO 178	5%
Elastic modulus	ISO 178	2,327 MPa
Shore hardness	ISO 7619-1	85 D
Viscosity (23°C)	DIN 53019-1	0.7 Pa s

IMPRIMO® LC Splint

Occlusal splints, surgical drilling guides



CE 0044



IMPRIMO® LC Splint, 1 kg, transparent

DLP (385 nm)

REF 6503

IMPRIMO® LC Splint is best suited for the fabrication of transparent occlusal splints and surgical drilling guides. Thanks to curing at a wavelength of 385 nm the material retains its transparency. Suitable for 3D printers with DLP technology (385 nm).

- // Verified printing parameters guarantee an exact moulding.
- // The high elongation at break of the material provides additional security for the patient.
- // When cured, splints are dimensionally stable and free from distortion.
- // Thanks to the high manufacturing precision the splints do not require much finishing.
- // The material is biocompatible.
- // The material does not contain any diluting monomers and is therefore odourless.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 20795-2**	64 MPa
Flexural strength	ISO 178	93 MPa
Elongation at break	ISO 178	10%
Elastic modulus	ISO 20795-2**	1,584 MPa
Elastic modulus	ISO 178	2,121 MPa
Shore hardness	ISO 7619-1	80 D
Viscosity (23°C)	DIN 53019-1	0.7 Pa s
Solubility	ISO 20795-2	1.4 µg mm ⁻³
Water absorption	ISO 20795-2	24 µg mm ⁻³
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: genotoxicity, carcinogenicity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10339-5	comply

** based on

IMPRIMO® LC Impression

Bases for bite registration, functional trays



	DLP (385 nm)
// IMPRIMO® LC Impression, 1 kg, orange	REF 6506

Bases and functional trays generated with IMPRIMO® LC Impression guarantee a precise impression and are biologically compatible for the patient. Suitable for 3D printers with DLP technology (385 nm).

- // The high material stability ensures distortion-free impression taking.
- // Once cured, IMPRIMO® LC Impression is best suited for all common impression materials.
- // Retention holes can be planned in advance in CAD modelling.
- // Smooth surfaces guarantee an optimal fit.
- // The material is biocompatible.
- // The material does not contain any diluting monomers and is therefore odourless.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 178	84 MPa
Elongation at break	ISO 178	10%
Elastic modulus	ISO 178	1,776 MPa
Shore hardness	ISO 7619-1	80 D
Viscosity (23°C)	DIN 53019-1	0.7 Pa s
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: genotoxicity, carcinogenicity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply

IMPRIMO® LC Cast

Objects for the casting technique



IMPRIMO® LC Cast, 1 kg, red

DLP (385 nm)

REF 6507

IMPRIMO® LC Cast is ideally suited for printing objects in precision casting technology. Suitable for 3D printers with DLP technology (385 nm).

- /// Material burns without leaving residues.
- /// Non-porous and precise surfaces.
- /// Even the most complex structures can be easily embedded
- /// All common standard investment materials can be used.
- /// Red colouring for easy control.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 178	86 MPa
Elongation at break	ISO 178	5%
Elastic modulus	ISO 178	1,791 MPa
Shore hardness	ISO 7619-1	85 D
Viscosity (23°C)	DIN 53019-1	0.3 Pa s

IMPRIMO® LC IBT

Transfer masks for the indirect bonding technique



	DLP (385 nm)
// IMPRIMO® LC IBT, 1 kg, transparent	REF 6508

CE

IMPRIMO® LC IBT is best suited for the fabrication of bracket transfer masks in the indirect bonding technique. Suitable for 3D printers with DLP technology (385 nm).

- // Easy control of bracket positioning thanks to material transparency.
- // The transfer masks are stable and distortion-free even in case of larger margins.
- // The transfer masks can be disinfected.
- // IMPRIMO® LC IBT is biocompatible.

Technical properties:

Property	Standard	Result
Elongation at break	DIN 53504	50%
Tensile strength	DIN 53504	6.2 MPa
Shore hardness	ISO 7619-1	40 D
Viscosity (23°C)	DIN 53019-1	2.5 Pa s
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply

IMPRIMO® LC Gingiva

Gingival masks



	DLP (385 nm)
// IMPRIMO® LC Gingiva, 1 kg, rose	REF 6509

IMPRIMO® LC Gingiva is used for flexible gingival masks for high-precision implants. Suitable for 3D printers with DLP technology (385 nm).

- // High precision and aesthetics, in particular for work in the anterior region.
- // The gingival colour looks natural.
- // The material flexibility is similar to the one of the gingiva.
- // IMPRIMO® LC Gingiva perfectly complements IMPRIMO® LC Model in the realisation of implant models based on biometric data.

Technical properties:

Property	Standard	Result
Elongation at break	DIN 53505	90%
Tensile strength	DIN 53505	5 MPa
Shore hardness	ISO 7619-1	50 A
Viscosity (23°C)	DIN 53019-1	2.5 Pa s

IMPRIMO® LC Temp

Temporary restorations, provisional crowns, bridges and mock-ups



	DLP (385 nm)
// IMPRIMO® LC Temp, 1 kg, A1	REF 6527
// IMPRIMO® LC Temp, 1 kg, A2	REF 6528
// IMPRIMO® LC Temp, 1 kg, A3	REF 6529



CE 0044

IMPRIMO® LC Temp is destined for temporary restorations and mock-ups. The printer resin is available in the colours VITA classical A1, A2, A3. Suitable for 3D printers with DLP technology (385 nm).

- // The material is characterised by high resistance to abrasion and breakage.
- // Temporaries generated with IMPRIMO® LC Temp can be fastened with temporary cements.
- // IMPRIMO® LC IBT is biocompatible.
- // The surface of the cured material can be easily polished.
- // The material does not contain any diluting monomers and is therefore odourless.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 10477	91 MPa
Flexural strength	ISO 178	113 MPa
Elongation at break	ISO 178	4%
Elastic modulus	ISO 178	2,442 MPa
Shore hardness	ISO 7619-1	80 D
Viscosity (23°C)	DIN 53019-1	1.5 Pa s
Solubility	ISO 4049	1.1 µg mm ⁻³
Water absorption	ISO 4049	31.1 µg mm ⁻³
Colour stability	ISO 4049	≤ 1.5
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: genotoxicity, carcinogenicity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply



CE 0044

IMPRIMO® LC Temp It

Long-term temporaries such as crowns and bridges as well as mock-ups



Prof. Alessandro Pozzi, Rome, Italy

	DLP (385 nm)
// IMPRIMO® LC Temp It, 1 kg, A1	REF 6544
// IMPRIMO® LC Temp It, 1 kg, A2	REF 6545
// IMPRIMO® LC Temp It, 1 kg, A3	REF 6546

IMPRIMO® LC Temp It is destined for fabrication of long-term temporaries. The printer resin is available in the colours VITA classical A1, A2, A3. Suitable for 3D printers with DLP technology (385 nm).

- // The material is characterised by high resistance to abrasion and breakage.
- // Temporaries generated with IMPRIMO® LC Temp It can be fastened with temporary cements.
- // IMPRIMO® LC Temp It is biocompatible.
- // The surface of the cured material can be easily polished.
- // The material does not contain any diluting monomers and is therefore odourless.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 4049	112 MPa
Flexural strength	ISO 178	169 MPa
Elongation at break	ISO 178	4%
Elastic modulus	ISO 178	5,528 MPa
Shore hardness	ISO 7619-1	80 D
Viscosity (23°C)	DIN 53019-1	3.5 Pa s
Solubility	ISO 4049	1.1 µg mm ⁻³
Water uptake	ISO 4049	31.1 µg mm ⁻³
Colour stability	ISO 4049	≤ 1.5
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: genotoxicity, carcinogenity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply

IMPRIMO® LC Try-In

Functional try-ins for digitally planned denture bases



	DLP (385 nm)
// IMPRIMO® LC Try-In, 1 kg, A1	REF 6541
// IMPRIMO® LC Try-In, 1 kg, A2	REF 6542
// IMPRIMO® LC Try-In, 1 kg, A3	REF 6543

IMPRIMO® LC Try-In is suitable as basic material for functional try-ins of digitally produced denture bases. The printer resin is available in the colours VITA classical A1, A2 A3. Suitable for 3D printers with DLP technology (385 nm) .

- // Using IMPRIMO® LC Try-In, moulded parts like denture bases with individual tooth position can be generatively manufactured for try-ins to check bite registration and occlusion.
- // The material is biocompatible.
- // The material does not contain any diluting monomers and is therefore odourless.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 178	91 MPa
Elongation at break	ISO 178	8%
Elastic modulus	ISO 178	2,028 MPa
Shore hardness	ISO 7619-1	80 D
Viscosity (23°C)	DIN 53019-1	0.7 Pa s
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: genotoxicity, carcinogenicity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply



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IMPRIMO® LC Denture

Denture bases



	DLP (385 nm)
// IMPRIMO® LC Denture, 1 kg, orange pink	REF 6540
// IMPRIMO® LC Denture, 1 kg, light pink	REF 6547
// IMPRIMO® LC Denture, 1 kg, deep pink	REF 6548

IMPRIMO® LC Denture is destined for fabrication of denture bases. The material meets the requirements for dental products relating to water absorption and water solubility according to ISO 20795-1: 2013. Available in orange pink, light pink and deep pink. Suitable for 3D printers with DLP technology (385 nm).

- // Compared to conventionally used PMMA-based materials, IMPRIMO® LC Denture shows low shrinkage and thus a high degree of accuracy.
- // The surface of the cured material can be easily polished.
- // The material does not contain any diluting monomers and is therefore odourless.
- // The material is biocompatible.

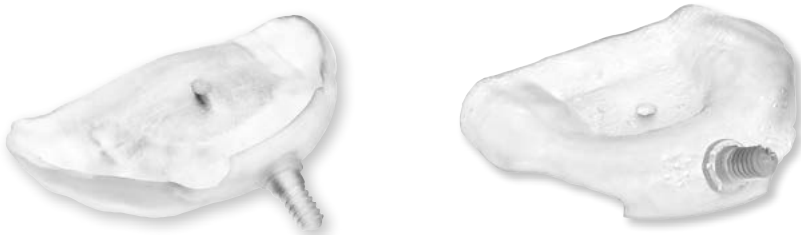
Technical properties:

Property	Standard	Result
Flexural strength	ISO 20795-1**	84 MPa
Flexural strength	ISO 178	114 MPa
Elongation at break	ISO 178	8%
Elastic modulus	ISO 20795-1**	2,383 MPa
E-Modulus	ISO 178	2,438 MPa
Shore hardness	ISO 7619-1	85 D
Viscosity (23°C)	DIN 53019-1	0.5 Pa s
Solubility	ISO 20795-1	0.41 µg mm ⁻³
Water absorption	ISO 20795-1	≤ 25.8 µg mm ⁻³
Colour stability	ISO 10477	≤ 2.5
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: genotoxicity, carcinogenicity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply

** based on

IMPRIMO® LC MJF

Appliances for oral and maxillofacial surgery



IMPRIMO® LC MJF, 1 kg, transparent

DLP (385 nm)
REF 6526

CE 0044

IMPRIMO® LC MJF is destined for fabrication of appliances for the oral and maxillofacial surgery and implantology. IMPRIMO® LC MJF is characterised by a high degree of hemo compatibility and biocompatibility that according to the current state of knowledge is unrivalled worldwide. Suitable for 3D printers with DLP technology (385 nm).

Objects generated with LC IMPRIMO® MJF are suitable for the usual sterilisation methods such as plasma, autoclave, gamma radiation and ethylene oxide sterilisation.

The material is hemocompatible and extremely biocompatible.
The material does not contain any diluting monomers and is therefore odourless.

Technical properties:

Property	Standard	Result
Flexural strength	ISO 20795-2	80 MPa
Flexural strength	ISO 178	117 MPa
Elongation at break	ISO 178	5%
Elastic modulus	ISO 178	2,508 MPa
Elastic modulus	ISO 20795-2	1,668 MPa
Shore hardness	ISO 7619-1	85 D
Viscosity (23°C)	DIN 53019-1	0.7 Pa s
Solubility	ISO 20795-2	0.51 µg mm ⁻³
Water absorption	ISO 20795-2	19.9 µg mm ⁻³
Biocompatibility: irritation and delayed-type allergies	ISO 10993-10	comply
Biocompatibility: hemocompatibility	ISO 10993-4	comply
Biocompatibility: genotoxicity, carcinogenity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply

Accessories

Innovative tray system

The tray system allows for easy changing and refilling of materials. Each tray is equipped with an RFID chip that is read by the printer and informs the user when to exchange the tray. Our range includes different trays with various maximum print volumes.

All Asiga printers in our range feature the same tray system and handling. However, trays for the Asiga PRO HD/4K series are larger in size than those for Asiga MAX™ printers. Further information is available upon request.

for Asiga MAX™	1 litre	2 litre	5 litre	10 litre
REF	6516	6515	6517	6518
for Asiga PRO 4K	1 litre	2 litre	5 litre	10 litre
REF	—	6521	6523	6524



Cleaning

Completely clean.

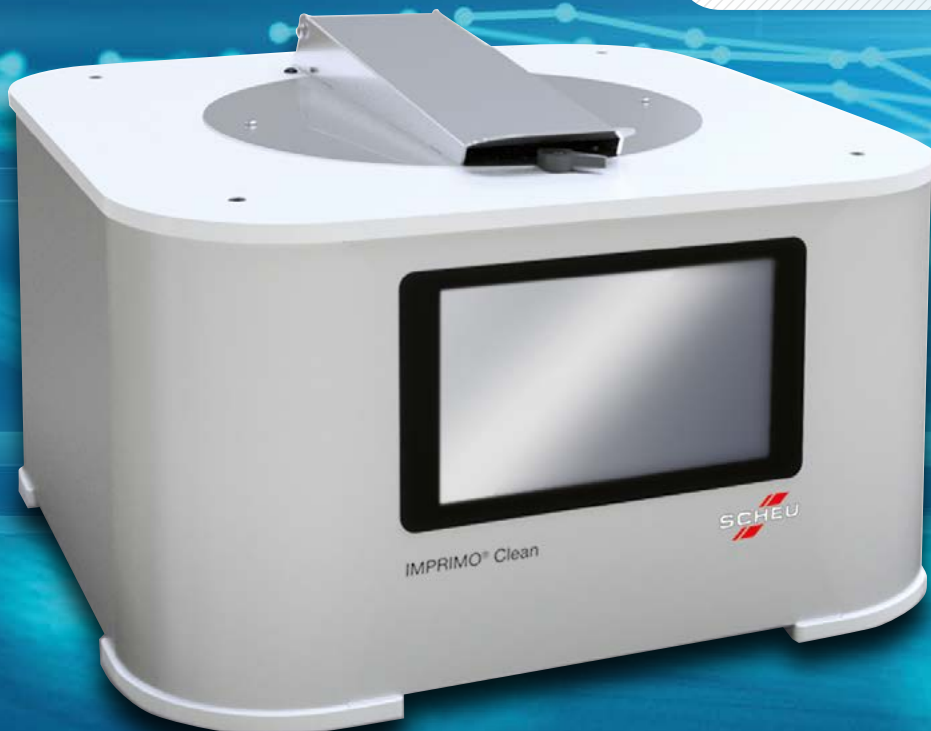
Cleaning unit for gentle cleaning of 3D printed objects. IMPRIMO® Clean creates a circular flow in the cleaning solution to reduce the risk of micro-cracks in the part surface, thus increasing its quality.

Different cleaning programs allow for precise matching with the selected material class and choice of the cleaning agent. The easy removable insert enables quick and clean replacement of the cleaning solution.

Technical data:

IMPRIMO® Clean

REF	6534
Power	90 watts
Dimensions (W x D x H)	404 x 404 x 100 mm
Cleaning chamber	140 x 140 x 100 mm (4 l capacity)
Software	Linux OS
Network compatibility	Wifi
Touch panel	7"



Cleaning liquid

IMPRIMO® Cleaning Liquid

REF 6533



Curing

Goodbye inhibition layer.

Light oven for the polymerization of 3D printed objects with LED exposure technology and protective gas device (nitrogen), avoiding the formation of an inhibition layer.

Control of exposure parameters is done via touch screen. Built-in sensors measure the protective gas flow in the polymerisation chamber and inform the user about the state of the light source.

Exposure programs for IMPRIMO® printer resins are already stored.

Technical data:

IMPRIMO® Cure

REF	6532
Dual wavelength	365/405 nm
Light source	UV-LED
Power	80 watts
Dimensions (W x D x H)	405 x 210 x 430 mm
Weight	10 kg
UV chamber	167 x 115 x 105 mm
Software	Linux OS
Network compatibility	Wifi
Sensor	Gas pressure, UV sensor
Working pressure	1.8 bar
Touch panel	7"



SCHEU-ACADEMY – Training courses and seminars.

Continuous training is a key factor for the success in clinics and laboratories. You and your team should always be up to date in order to deal with the challenges in the daily routines.

For some years now, our SCHEU-ACADEMY offers training courses and seminars for dental clinicians and technicians at a regular basis. The training program ranges from courses on CA® CLEAR ALIGNER and TAP® certification to pressure moulding work shops and courses on digital orthodontics and 3D printing. By practical examples you learn how to achieve even more professional results in the future and how to implement new findings into your daily

work routines. You get to know our innovative products and techniques and get expert tips.

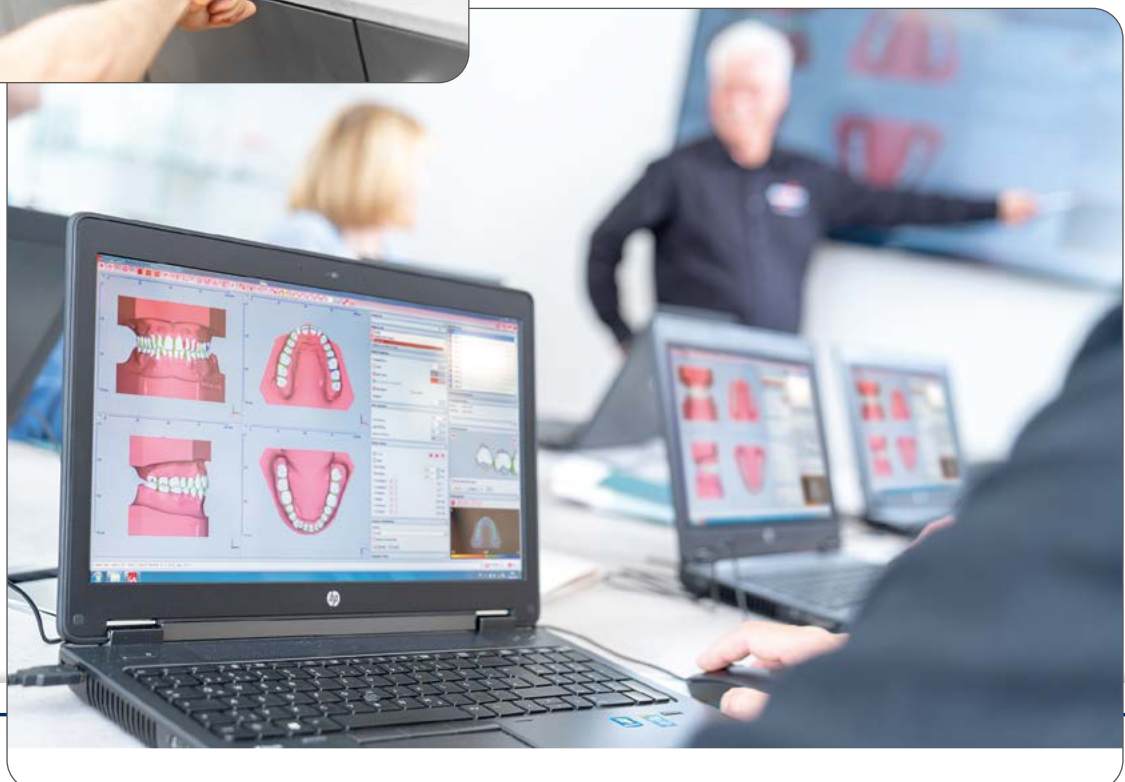
With the support of our internal and external speakers we offer various courses for advanced training at a regular basis.

The training laboratory of our SCHEU-ACADEMY being part of our administrative building in Iserlohn is equipped with cutting-edge technology and can accommodate eight participants. Working in small groups guarantees intense learning combined with individual advice and support.

Our external courses chaired by renowned experts are held in selected training institutions or conference hotels.

Our current seminars and training courses for practices and laboratories can be found at:

www.scheu-dental.com/en/scheu-academy



It is our service that makes the difference.

Our employees in sales and customer service are always there for you with any competent advice – electronically, by phone, email or in person at your premises!

As IMPRIMO® system user you have around the clock access to our Online Help Center that comprises not only a knowledge database with comprehensive documentation on specific processes,

but also involves a community enabling you to directly interact with other users.

Please feel free to contact our support team for any questions on digital technologies.

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IMPRIMO® System

High-precision 3D printing for a wide range of applications:



Working /situation
models
Material: IMPRIMO® LC Model



Dies
Material: IMPRIMO® LC Model



Occlusal splints,
surgical drilling guides
Material: IMPRIMO® LC Splint



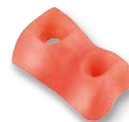
Functional trays
Material:
IMPRIMO® LC Impression



Objects for the casting
technique
Material: IMPRIMO® LC Cast



Transfer masks
Material: IMPRIMO® LC IBT



Gingival mask
Material: IMPRIMO® LC Gingiva



Short-term temporaries
Material: IMPRIMO® LC Temp



Long-term temporaries
Material:
IMPRIMO® LC Temp It

Prof. Alessandro Pozzi, Rome Italy



Appliances for oral and
maxillofacial surgery
Material: IMPRIMO® LC MJF



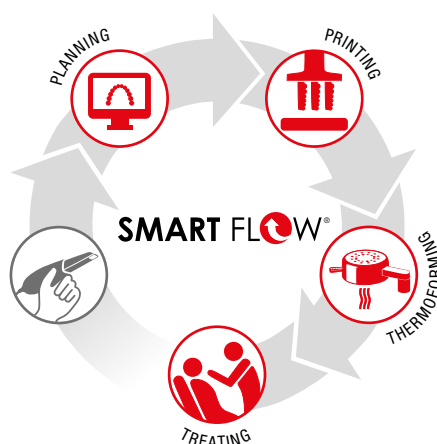
Denture bases
Material:
IMPRIMO® LC Denture



Functional try-ins
Material: IMPRIMO® LC Try-In

The IMPRIMO® system
is part of the digital
process chain
SMART FLOW.

Watch and
experience the
SMART FLOW:



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