IMPRIMO® System

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

SCHEU
SCHEU GROUP

IMPRIMO® System

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

Content

IMPRIMU® system

IMPRIMO® System –
Universal and reliable.

The development of a consistent process for medical 3D printing and post-processing is currently a crucial issue in the utilisation of digital orthodontics 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 cleaning unit RS wash and the polymersisation unit RS cure complement our equipment range, reflecting a continuous and process-reliable 3D printing workflow.

CONSUMABLES   3D PRINTING   CLEANING

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Moreover, 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

GO

IMPRIMO® system

Two model types for different needs

SCHEU-DENTAL offer 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.

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: pixel-precise dosing of the energy input for increased surface quality

⫽ Multirange: generation of areas with different layer thickness for better representation of detailed structures within one print job

⫽ Tray with RFID chip

⫽ License-free Asiga Composer software

⫽ Commissioning and training by the SCHEU-DENTAL support team

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 matched material portfolio	✓

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
Light sensor for consistent projector performance	✓	✓
385 nm DLP technology	✓	✓
Extensive and matched 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

Build space

Asiga PRO 4K80
217 x 122 x 200 mm

Asiga PRO 4K65
177 x 99 x 200 mm

Asiga MAX™
119 x 67 x 76 mm
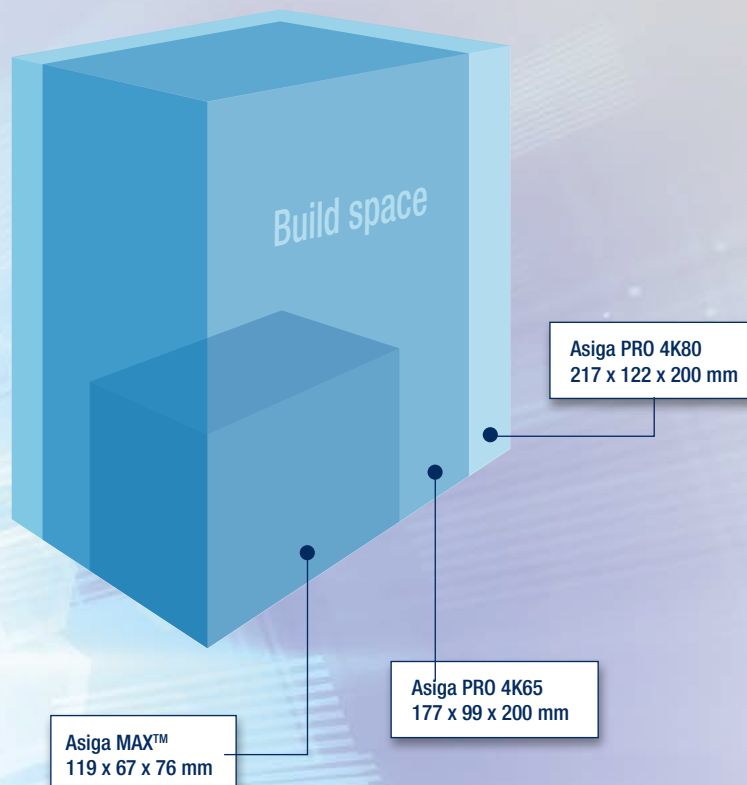
Asiga Composer –
The way to additive manufacturing.

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 workflow – 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
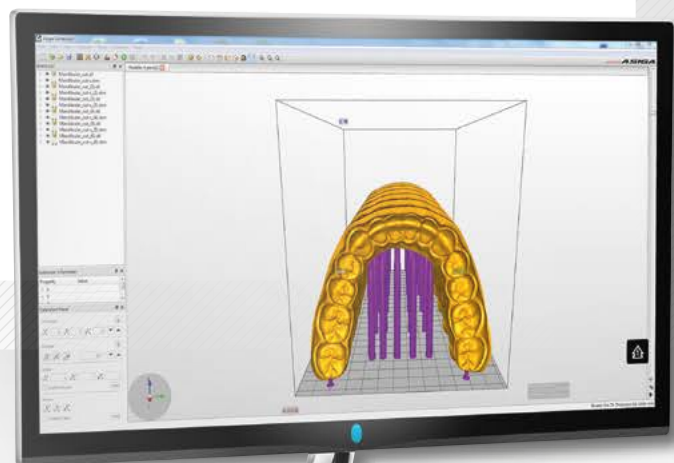
System Requirements

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

Building materials:

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

IMPRIMO® LC Model	Working models, situation models, dies
IMPRIMO® LC Splint	Occlusal splints, surgical drilling guides
IMPRIMO® LC Splint flex	Occlusal splints, bruxism splints, lower jaw protrusion splints
IMPRIMO® LC Impression	Bases for bite registration, functional trays
IMPRIMO® LC Cast	Casting objects
IMPRIMO® LC IBT	Transfer masks for the indirect bonding technique
IMPRIMO® LC Gingiva	Gingival masks
IMPRIMO® LC Temp	Temporary crowns and bridges and mock-ups
IMPRIMO® LC Temp lt	Long-term temporaries such as crowns and briges and mock-ups
IMPRIMO® LC MJF	Appliances for oral and maxillofacial surgery and implantology
IMPRIMO® LC Denture	Denture bases
IMPRIMO® LC Try-In	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 repro-duced using duplicating material.

// The material is moisture 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 isolating gel IMPRIMO® Model Separator.

// 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® system

IMPRIMO® LC Splint

Occlusal splints, surgical drilling guides

CE 0044

	DLP (385 nm)
// IMPRIMO® LC Splint, 1 kg, transparent	**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 allow for an exact moulding.

// The high elongation at break of the material provides additional security for the patient.

// Once 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, carcinogenity 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 Splint flex

Occlusal splints, bruxims splints and lower jaw protrusion splints

CE

	DLP (385 nm)
// IMPRIMO® LC Splint flex, 500 g, transparent	REF 6525.1
// IMPRIMO® LC Splint flex, 1000 g, transparent	REF 6525.2

The new light-curing, methacrylate-based 3D printer resin is indicated for the fabrication of high-precision, transparent occlusal splints as well as bruxism and lower jaw protrusion splints. The thermoactive memory effect ensures a perfect fit of the material. The great flexibility in the cured state ensures high wearing comfort, high fracture resistance and outstanding polishing properties. Contains no diluent monomers.

// High flexibility thanks to thermoactive memory effect.

// Excellent mechanical properties.

// Biocompatible and without diluent monomers.

Technical properties:

Property	Standard	Resultat
Result Flexural strength	ISO 20795-2	≥ 10 MPa
Flexural modulus	ISO 20795-2	≥ 250 MPa
Elongation at break	DIN 53504:	≥ 80 %
Impact strength IZOD notched	ASTM D256:	≥ 100 J/m
Shore hardness	ISO 7619-1	≥ 65 D
Solubility	ISO 20795-2:	≤ 5 µg/mm^{-3}
Water absorption	ISO 20795-2	≤ 20 µg/mm^{-3}
Biocompatibility: Delayed-type irritation and allergy	ISO 10993-10	comply
Biocompatibility: genotoxicity, carcinogenicity and reproductive toxicity	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10339-5	comply

IMPRIMO® system

IMPRIMO® LC Impression

Bases for bite registration, functional trays

CE

	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 model-ling.

// 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, carcinogenity 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

	DLP (385 nm)
// **IMPRIMO® LC Cast, 1 kg, red**	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

CE

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

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 can be disinfected.

// The transfer masks are stable and distortion-free even in case of larger margins.

// 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, temporary crowns, bridges
and mock-ups

CE 0044

	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

IMPRIMO® LC Temp is destined for restorations in the anterior region. 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 Temp 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, carcinogenity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply

IMPRIMO® LC Temp It

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

CE 0044

	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 for the anterior and posterior area. 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 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, 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

CE

	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, carcinogenity and toxicity for reproduction	ISO 10993-3	comply
Biocompatibility: systemic toxicity	ISO 10993-11	comply
Biocompatibility: cytotoxicity	ISO 10993-5	comply

IMPRIMO® LC Denture

Denture bases

CE 0044

	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. 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 material 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 20795-1**	84 MPa
Flexural strength	ISO 178	114 MPa
Elongation at break	ISO 178	8%
Elastic modulus	ISO 20795-1**	2,383 MPa
Elastic 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, carcinogenity 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
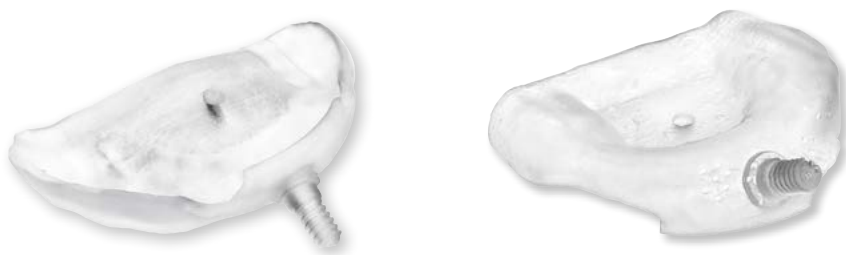
CE 0044

	DLP (385 nm)
// IMPRIMO® LC MJF, 1 kg, transparent	REF 6526

IMPRIMO® LC MJF is destined for fabrication of appliances for the oral and maxillofacial surgery and implantology. IMPRIMO® LC MJF is biocompatible as well as hemocompatible. 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 biocompatible and hemocompatible.

// 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 a 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. Trays for the Asiga PRO series series are larger in size than those for Asiga MAX™ printers. The new Tray Box made of opaque material with writable lid allows for storing filled trays of 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

Tray Box Asiga MAX™				
REF	6552			

for Asiga PRO 4K	1 litre	2 litre	5 litre	10 litre
REF	—	6521	6523	6524

Cleaning

Quick. Easy. Completely clean.

The growing importance of 3D printing in the dental world goes hand in hand with the continous quality improvement of the post-processing devices, required for the seamless process chain up to the ready-to-use 3D object. Once the printing process is completed, the printed dental product must be cleaned and undergo a final curing process.

The fully automatic cleaning unit RS wash safely and easily removes sticky resin residues from 3D-printed objects in a pre- and post cleaning process with final drying that takes only 6-8 minutes.

Further benefits:
- Plug-in system for easy changing of fluids
- Active charcoal filter to reduce odour development
- Reduces cleaning agent consumption to a minimum through efficient automation

Technical data:

RS wash

REF	6536
Voltage	24 volts
Power	120 watts
Dimensions (W x H x D)	230 x 270 x 450 mm
Cleaning chamber	130 x 75 x 60 mm
(capacity cleaning cartridge 800 ml)	
Network compatibility	WLAN/LAN
Touch panel	5.8"

Cleaning liquid

// IMPRIMO® Cleaning Liquid   REF 6533

Curing

Quick. Easy. Efficient.

The light-curing unit RS cure requires only 4-12 minutes for the polymerisation process of 3D-printed objects
Further benefits:
- optionally vacuum or inert gas
- already stored exposure programmes for the printer resins of
  the IMPRIMO® system

Powerful LEDs in combination with vacuum, optionally also with inert gas, ensure homogeneous 360° curing in the UVA and UVB range. A light sensor for monitoring the light output is available separately.

Technical data:

RS cure

REF	6535
Voltage	24 volts
Power	220 watts
Dimensions (W x H x D)	230 x 270 x 380 mm
Weight	10 kg
Polymerisation chamber	130 x 75 x 60 mm
Network compatibility	WLAN/LAN
Touch panel	5.8"

The SCHEU GROUP 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 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.

The training laboratory of our 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-academy.com
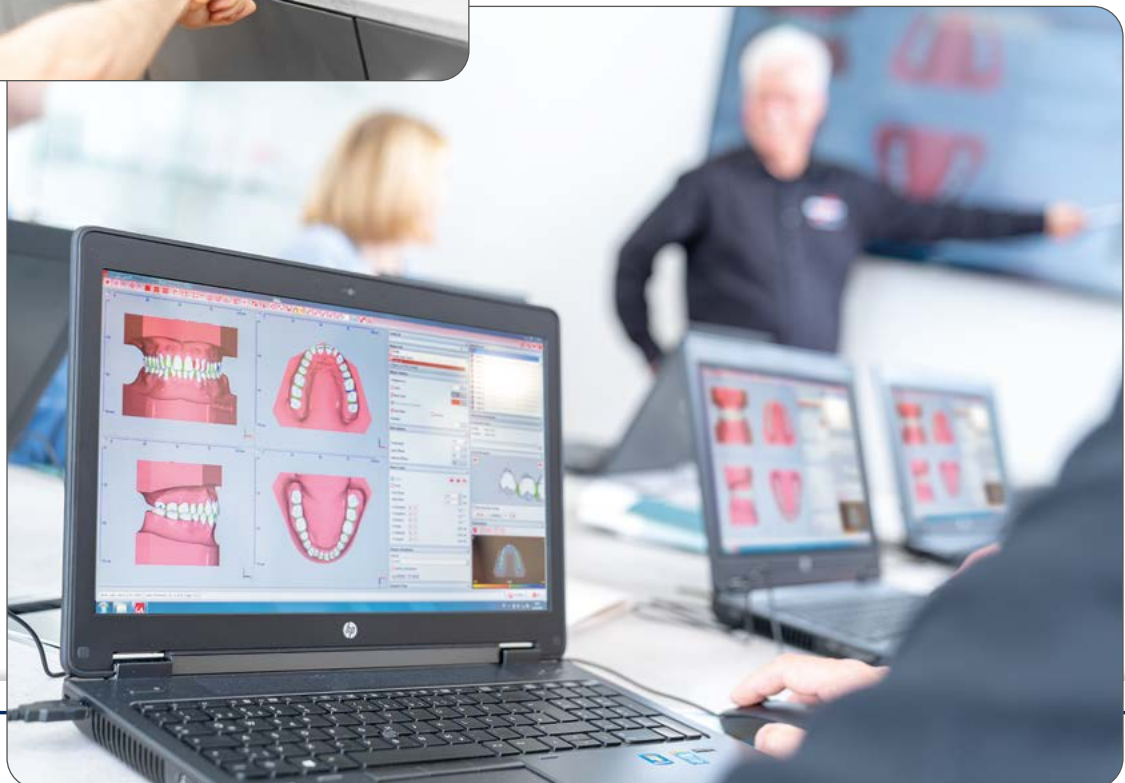
It is our service that makes the difference.

Our employees in sales and customer service are always there for you with competent advice – electronically, by phone, email or in person at your premises!
IMPRIMO® system users 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, Dies
Material: IMPRIMO® LC Model

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

Occlusal / bruxism splints, lower jaw protrusion splints
Material: IMPRIMO® LC Splint flex

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

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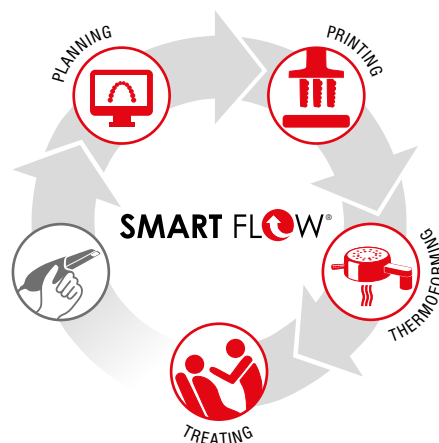Material: IMPRIMO® LC MJF

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.

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