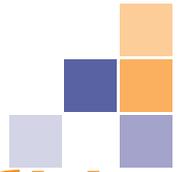


Success Story



"After more than 5 years of work with these printers, we have learned to appreciate the easy handling and the good results." --Master Dental Technician Wolfgang Sokalla

SSK Dental | Perfactory® DDP, PixCera

SSK Dental Technik is a dental lab in Germany that produces crowns, bridges, dentures and drill guides using the PixCera and the new Perfactory® Digital Dental Printer.

SSK Dental has been working with EnvisionTEC 3D printers since January 2009. The lab uses both the Perfactory DDP and the desktop system PixCera to produce models from 3D designs both quickly and accurately.

learned to appreciate the easy handling and the good results."

Another EnvisionTEC 3D printer may be in store for SSK. Says Sokalla, "I would make this decision from today's perspective and experience again."

Integrating EnvisionTEC

The lab intended both the Perfactory DDP and the PixCera to increase speed and accuracy in production. Both machines were quickly integrated into everyday work. Sokalla attests that the 3D printers as well as the Perfactory RP software are easy to use, and his employees learned quickly with the two printers.



Investing in 3D

Prior to purchase, Sokalla researched other 3D printing manufacturers. Sokalla was not initially certain about bringing EnvisionTEC machinery to the lab, but time has proven he made the right choice. "The decision was not easy for me to make a large investment," he said. "However, after more than 5 years of work with these printers we have

A bridge (top), a restoration after casting (bottom)

SSK Dental adapted the EnvisionTEC systems to lab work well. With an EnvisionTEC 3D printer, material changes are efficient, without changing used basements or resin reservoirs. Sokalla and his technicians find that switching

EnvisionTEC GmbH

Brüsseler Straße 51 • D-45968
Gladbeck • Germany
Phone +49 2043 9875-0
Fax +49 2043 9875-99

EnvisionTEC USA

15162 S. Commerce Dr
Dearborn, MI 48120 • USA
Phone +1-313-436-4300
Fax +1-313-436-4303

www.envisiontec.com
info@envisiontec.com

Success Story

SKK Dental | Perfactory® DDP, PixCera

"Our employees learned in a short time dealing with two printers, as well as the handling of the material. [The printers] immediately brought us good print results." --Wolfgang Sokalla, MDT



materials for different applications requires little effort.

In addition to the everyday work of a dental laboratory, SKK Dental also experiments with various softwares and materials. The lab uses the EnvisionTEC 3D printers to experiment with new processes for several applications, including implant prosthetics.

Digital Drill Guides

"The material supply, the simple handling of the software and the price range made it crucial for me to acquire the Perfactory DDP."

When the Perfactory DDP system hit the market, SKK Dental decided relatively quickly to bring the machine into their work process.

Sokalla reasoned that the printer is easy to use, quickly created prints, and was impressed by the good fit of the drill guides the 3D printer creates. "Particularly impressive is the variety of materials, the quick easy change of material and also the almost loss-free exchange of the materials," said Sokalla.



Working continuously the DDP 3D printer achieves 60 units in 3.5 hours for crowns and bridges, or up to 5 model castings in 5 to 6 hours. Sokalla says about 300 to 400 units of crowns or bridge work could be made in 24 hours. "You could also go faster," he notes, and estimates that the machine could build as much as 500 units per day should he ever have a need for it. Depending on the size and arrangement of the building platform, he estimated SKK Dental achieves about 20 model castings each day.

Superior Service

SKK Dental has received excellent service and support from EnvisionTEC. Lab employees can carry out small maintenance like lamp replacement or calibration themselves, while more difficult repairs are handled through phone and email tech support, as well as instructional videos.

The few problems SKK Dental has had were addressed and quickly eliminated. Sokalla stated that even the process of adjusting build parameters is typically "carried out immediately," so that SKK Dental can use their facilities without significant disruption: "With the support, and expertise of the EnvisionTEC staff, we are very satisfied."

EnvisionTEC GmbH

Brüsseler Straße 51 • D-45968
Gladbeck • Germany
Phone +49 2043 9875-0
Fax +49 2043 9875-99

EnvisionTEC USA

15162 S. Commerce Dr
Dearborn, MI 48120 • USA
Phone +1-313-436-4300
Fax +1-313-436-4303

www.envisiontec.com
info@envisiontec.com

About SKK Dental

SKK Dental Technik GmbH is a German dental laboratory headed by Wolfgang Skolla, MDT.



Contact

Geilenkirchen | Germany
Tel. +49(0)245169241
Fax +49(0)2451959320
www.ssk-dentaltechnik.eu
dentalabor@ssk-dentaltechnik.de