TWINSMILE

VITTRO P 100

Swiss quality in dental 3D printing

Versatile open architecture for easy and complete handling.
The Vittro P 100 includes a seamless digital workflow allowing you to go straight from intra-oral scan to in-house production.

www.twinsmile.com

WHAT CAN THE VITTRO P 100 MEAN FOR THE DENTIST? LAB? PATIENT?

Whether you are working in a dental clinic, orthodontic practice or a laboratory, affordable 3D printing technology is the future.

Vittro P 100 allows the dentist and lab to work as twins to provide the ultimate, efficient and most accurate and effective service to the patient.

<Save time testing veneers with Testeneers®>
«from impression to finished case» the patient can test his smile within one hour! Printing speed is 40 mm/hour.

Easier workflow and use:
«Plug and Play» philosophy allows to produce perfect working models (e.g. for Aligners) from STL Data. Or any other desirable device.
Ingenious simple way of Z-axis calibration.

Versatility
Print anything from individual impression trays to drilling guide to splint to temporary crown and bridge. Or a repair part for your art-collection.

Connectibility
Built-in Linux-Server connects Vittro P 100 software to all knowd CAD Dental Software. Can print any STL file. Seamless data-exchange with data from 3Shape, Dental Wings, Exocad, Sirona?

Versatile Multi-Material Printer
Use any light curing resin with the correct wavelength (385 nm UV) sensitivity.
Temperature monitored bath extends versality of resins to be printed
Fast and Economical Print 3 models (flat modus) in less than one hour at 40mm/hour or 7 models (vertical modus) in 2-3 hours.

Made for 7/24 heavy duty operation
UV Beamer, Lens, PC, all mechanical parts are protected against dust and are conceived for maximum precision and reliability.

Swiss Engineering – Korean Top Technology and engineering.
Software, workflow and features are made according to findings during extensive Prototype field testing in Switzerland. Hardware is produce with Korean excellence and Knowhow.

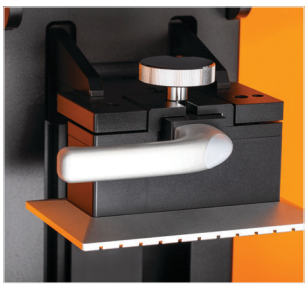
Help your patients reach their optimum smile using the guaranteed accuracy, ultimate dental DLP 3D Printer. Available now!

- Solution is delivered as a plug and play device, including a highly intuitive and readily understandable software interface.
- Can print any STL file containing a custom-made model designed after an impression or the output of the Intra Oral Scanner.
- Can be used seamlessly with 3Shape, Dental Wings and Exocad design software.
- Easy to change materials in-between different print jobs with zero waste.
- Dimensions: 325 mm in diameter and 783 mm in height.
- Weight: 30 kg

Technical Specification

PRINTING

Light Source:	DLP -385nm UV LED
Projector Resolution:	1280 x 800 pixel
Build Volume:	128 (W)×80 (D)×100 (H) (mm)
Resolution:	XY Plane: between 20-150 Microns, Z Axis : 20 – 100 Microns
Printing Speed:	Max. 40mm/hour (depend on the resin type)



SOFTWARE

Slicing Program:	Twinsmile DLP Software
Design software:	Open system, by example: compatible with 3Shape, Dental Wings, Exocad File Types: .stl, .obj, .3dm
Operating System:	Embedded Mini PC with 5" LCD Touchscreen

EXTRA FEATURES:

- Temperature Monitoring Sensor included
- XY Build changeable 50 – 100 Microns (option near future)
- Inexpensive VAT replacement
- Easy Z axis calibration
- Stackable light protected Vat storage

TWINSMILE VITTRO 100 PRODUCTS

The Twinsmile Vittro 100 is your gateway to a successful collaboration between patient, dentist and dental technician.

It is the only printer designed exclusively for dentistry. With its innovative DLP technology, it fabricates products such as:

Testeneers®

Models

Implant Models

Aligners

Soft Tissue

True color dies

Implant Jigs

Custom Trays

Provisional Crowns and Bridges

Castable Parts

Bracket Position Splints

Splints

Michigan Splints

TWINSMILE

WHO IS TWINSMILE?

Swiss-based TwinSmile is the brainchild of an ultra-modern team of dental professionals with their own dental clinics and laboratories in Switzerland, Germany and the UK.

The founders recognised an industry-wide need for an affordable, user-friendly yet fast 3D DLP printer that would allow practitioners to 3D print a wide variety of dental applications at high quality.

The TwinSmile Vittro 100 was born! It has been designed to meet the needs and desires of dental clinics and lab technicians – saving time and labour.

TwinSmile Vittro 100 is the ultimate tool when combined with **Twinsmile Emotional Marketing**.

Are you interested in finding out more about **Twinsmile 100**?

Contact us at **info@twinsmile.com**;
or visit **www.twinsmile.com**.

TWINSMILE

VITTRO P 100

Lab technicians and dentists will love the plug and play, versatile 3D printer – with the ability to offer your patient an impression to finished case within one hour, thanks to TwinSmile Testeneers®.

What's more, we provide the software and training (yearly service charge applies).

Worldwide sales and marketing
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www.twinsmile.com