

# VITROSCAN-3D v.3

## System for three-dimensional photography



product may differ

Vitro Laser GmbH is developer, manufacturer and supplier of laser systems as well as 3D measuring systems for various industrial application areas. Intensive research, permanent quality management and continuous enhancement of our systems have established us on the international market. Our competence is based on many years of experience in 3D-realisation and laser technology.

The 3D-Scanner of Vitro Laser GmbH provides high resolution face scan data files for the process of glass subsurface engraving. As manufacturer of optical measuring technology and laser systems we offer excellent complete solutions from one source.

As world wide market leader for subsurface glass engraving and specialist for 3D scan systems we have put our attention to quality and reliability of our high-tech solutions. Vitro Laser GmbH is your strong partner combining forward-looking technology with efficient systems.

1. Shooting



2. data file preparation



3. laser subsurface engraving



# VITROSCAN-3D v.3

## The perfect system for three-dimensional photography

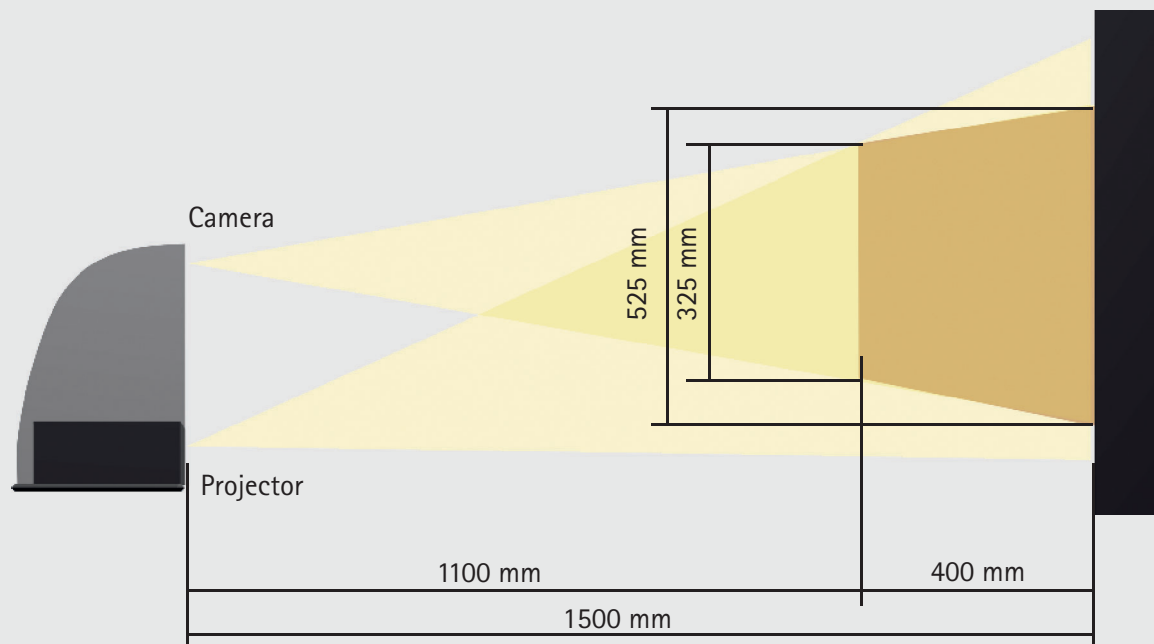
Vitro Laser GmbH has developed the Vitroscan-3D v.3 specially for three-dimensional photos of portraits. In less than a second, faces are presented in detail. The provided "Facescans" are the ideal draft for the following subsurface glass engraving. Based on the processing of data, the photos are prepared for different sized glass cubes.

Within seconds, the VitroScan-3D v.3 forwards high resolution drafts. High-quality shots combined with our laser systems guarantee first class results on the sector of subsurface glass engraving.

Due to the very short scanning time, the user-friendly software and the rapid data processing, your production reaches an optimal efficiency. Within minutes the whole production process is completed. With the technology of Vitro Laser GmbH you have multiple benefit.

Fast mounting of the 3D scanner and the simple installation without calibration allows a smooth and uncomplicated employment. Due to the compact and lightweight construction, the VitroScan-3D v.3 is optimal for mobile insertion.

### Scan area:



### VITROSCAN SYSTEMS

- + Fast
- + High resolution
- + Detailed
- + Economical

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## Technical Data:

<b>Voltage data:</b>	<i>power supply:</i>	100-240 V
	<i>power input:</i>	285 W (max)
<b>Optical data:</b>	<i>lamp:</i>	200 W
	<i>resolution:</i>	1280 x 1024 Pixel
<b>Dimensions:</b>	<i>W x H x D:</i>	300 x 310 x 420 mm
<b>environmental conditions:</b>	<i>operating temperature:</i>	0 to 40°C (MSL)
	<i>air moisture:</i>	10 to 90 % (not condensing)
	<i>altitude:</i>	0 to 1499 m at 0 to 35°C 1500 to 3000 m at 0 to 30°C
<b>System requirements:</b>	<i>Notebook</i>	
	<i>operating system:</i>	Windows XP
	<i>main memory :</i>	512 MB (min)
	<i>graphics card:</i>	ATI or NVIDIA
	<i>processor:</i>	Intel or AMD (current model)
	<i>data links:</i>	3x USB 2.0 , 1x serial port, monitor output
	<i>Desktop</i>	
	<i>operating system:</i>	Windows XP
	<i>main memory:</i>	512 MB (min)
	<i>graphic card:</i>	ATI or NVIDIA
	<i>processor:</i>	Intel or AMD (current model)
	<i>data links:</i>	3x USB 2.0, 1x serial port, 2 monitor outputs (1 analog output)
<b>Scan area/shooting time:</b>	<i>W x H at depth 400 mm</i>	450 x 325 mm (at 1100 mm distance )
	<i>to</i>	<i>to</i>
	<i>W x H at depth 0 mm</i>	700 x 525 mm (at 1500 mm distance )
	<i>shooting time</i>	< 1 sec.

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Subject to technical changes

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**vitro** | industries