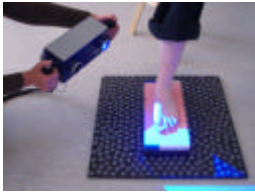
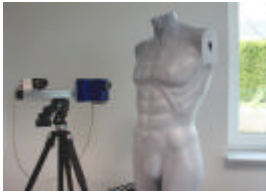
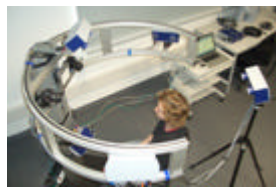


zSnapper® 3D Scanner

Body Part Scanning

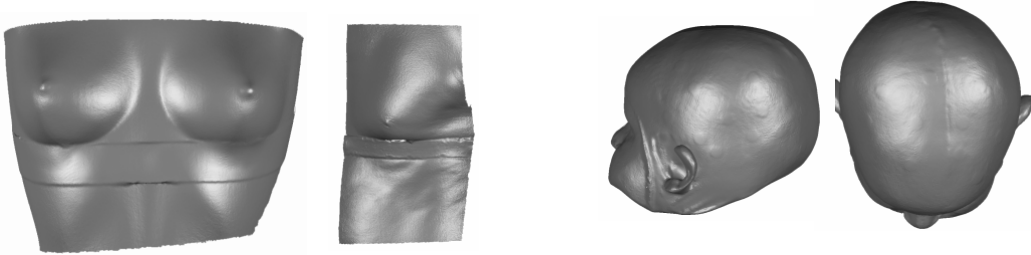
Instant 3D results

ViALUX provides advanced 3D scanners for the acquisition of human body parts with unmatched speed. The 3D shape is captured as convenient as pictures are taken with digital cameras and even 3D video functions are implemented. A full-field 3D snapshot takes only 22 ms and the 3D model is instantly displayed without additional processing time. The zSnapper® combines the proven and accurate method of white light 3D scanning with the revolutionary DLP® projection technology. Each (x,y,z) point of the scan represents a fully calibrated, independent measurement and includes the surface b/w texture; an optional 15 MPixel colour picture can be added and mapped to the 3D scan. Eye safety is guaranteed by a laser-free design. The robust devices are easy to operate and the feature-rich software supports all typical use cases in body part scanning. The challenging scanning of baby heads e.g. is in clinical use and practised under normal day light conditions.


Model	zSnapper® <i>portable</i>	zSnapper® <i>vario</i>	zSnapper® <i>multiple</i>
			
Set-up	hand-held	mounted	2-6 synchronized units mounted
360° aligned by	reference, targets, or shape	reference, targets, or shape	pre-aligned scan units
Use case	face, baby head, foot, arm, hand, breast, torso	torso, leg, arm, breast, full body	face, head, breast, torso, full body

Application samples

zSnapper® *portable*: 0.02 s measuring time per 3D scan – automatic alignment of views



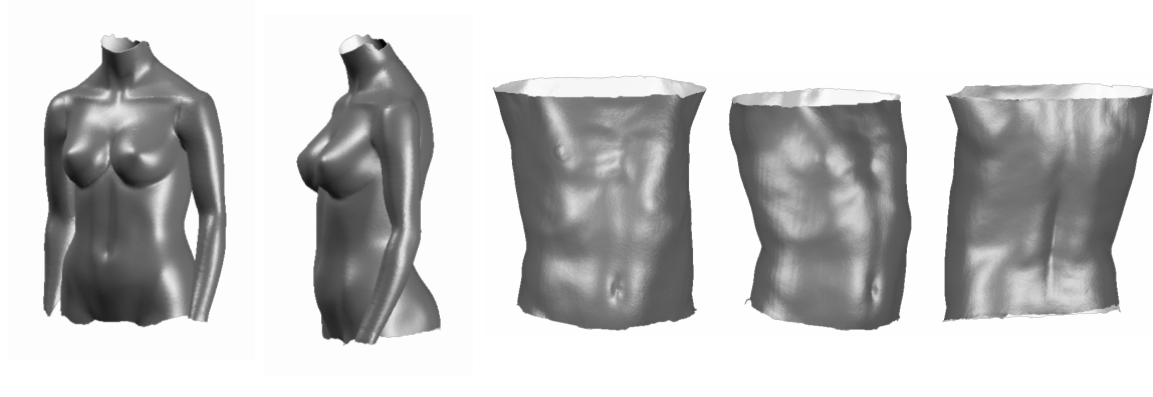
zSnapper® *portable*: 0.1 s measuring time with high-resolution records and colour texture



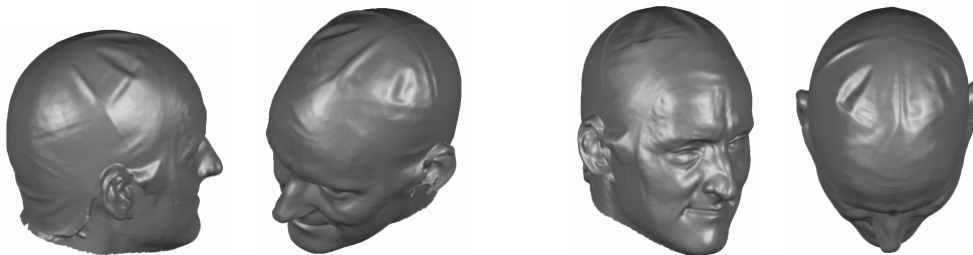

zSnapper® *portable* + SLR camera: 0.1 s measuring time per 3D scan with high-resolution colour texture



zSnapper® *vario*: single scan unit – 0.02 s measuring time per 3D scan units



zSnapper® *multiple*: 0.03 s total measuring time – 4 synchronized scan units



zSnapper® *multiple*: 0.05 s total measuring time – 2 m field of view – 6 synchronized scan units

