

Scan to Print within 5 Minutes – 3D Figurine Production with VITRONIC's Body Scanner VITUS

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Abstract

The world has recently witnessed the widespread of 3D printing technology. In the shadow of this development a new means of freezing time was born: 3D figurines. A 3D figurine is a mini version of oneself, manufactured by 3D Printers. Hence a 3D figurine is a little sculpture and a high quality alternative to a digital photo. It is also often referred to as "Mini Me". For the production of a 3D figurine one needs to obtain a 3D scan of an individual. This is however not as easy and trivial as shooting digital photos with a camera. The quality of a 3D figurine depends to a significant degree on the quality of the 3D scan. What are different technical approaches to obtain 3D scans? On what does the quality of a 3D scan depend? What solution does the German company VITRONIC offer to obtain 3D Scans? These are the topics to be presented and discussed.

* www.vitronic.de