



# duo scan

3D Scanner Made in Germany



3D-SCANNER FOR CANAL CASTINGS | PRECISE | STL |  
FAST | NO ROYALTIES | EASY-TO-USE | OPEN INTERFACE



## DUO SCAN THE 3D SCANNER FOR EAR CANAL CASTINGS

### **Generate precise 3D data of audiological canal castings in the easiest possible way.**

Digitisation of ear canal castings is the basis for digital production of individual ear moulds. The smart optics duo scan is the ideal tool for this. Two canal castings can be captured simultaneously in next to no time. Compact dimensions, intuitive operation and unique precision – duo scan is an ideal part of every innovative production chain.

Open standard output formats such as STL, ASCII and MSH enable connection with industrial production partners or design software.

The operating software and device-specific calibration data are stored in the internal memory of the duo scan. Consequently, initial installation runs smoothly, and the installation data is available at all times as required. Plug and play.

The duo scan combines innovation with our optical scanner technology expertise. This is apparent in mechanical design and diligent processing. Use of high-quality components and German engineering ensure that the duo scan is reliable and durable.



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## SUMMARY OF BENEFITS

- *Precise and fast for outstanding fit and increased productivity*
  - *Simultaneous scanning of two ear canal casting saves time*
  - *Compact structure and attractive design enable use in any environment*
  - *Easy installation*
  - *Removable object holders enable easy-to-use and flexible positioning of the castings.*
  - *High-quality, durable components mean reliable, maintenance-free use*
  - *Easy, intuitive operation ensures minimal induction period*
  - *Open file formats STL, ASCII and MSH provide an easy connection with CAD software or industrial solutions*
  - *Save shipping costs and shipping time through electronic transmission of ear impression scans (e-mail, FTP, etc.)*
  - *Unique price/performance ratio*
  - *No fee-per-scan*
  - *Sales only via specialist dealers or industrial partners*
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# TECHNICAL SPECIFICATIONS

	duo scan
Scanning time (binaural)	85 to 95 seconds (depending on computer performance)
Number of castings per scanning procedure	2
Output data format	STL, ASCII, MSH
Technology	Structured-light scanner with durable high-performance LED
Resolution of scan data	Adjustable
Interface	USB
Connection voltage and power consumption	100 – 240 V AC 50 / 60 Hz, max. 30 W
Dimensions	300 x 340 x 135 mm (W x L x H)
Weight	8 kg
Warranty	24 months
Scope of delivery	Scanner, power cord, USB cable, operating software with calibration data and operating manual, one pair of object holders

# SYSTEM REQUIREMENTS

Minimum	Recommended
Windows 7	Windows 7 / Windows 8 / Windows 10
Single or dual-core CPU	Quad-core CPU, i3, i5
2 GB RAM	4 GB RAM
USB 2.0 port	USB 2.0 port
Approx. 40 GB free hard-disk space	Approx. 40 – 100 GB free hard-disk space
3D graphics card minimum 256 MB RAM	3D graphics card 512 MB RAM



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