


3Shape A-scanners

3D ear impression scanners





Get ready...
to **enable the perfect fit**

3Shape A-series Red

Our new range of scanners offer ultimate productivity with the market's fastest scanning ever and leading accuracy. Take advantage of the 3Shape A-series Red to capture every detail and achieve the perfect fit - first time, every time.

3D impression scanners with market leading accuracy and scan speed



3Shape A3 - Achieve ultimate productivity with our most advanced scanner

- Ultra-high accuracy of 12µm to enable the perfect fit
- Binaural scans from 16 seconds – 2X the speed of other scanners
- Achieve ultimate productivity
- 2 binaural fixtures included
- 3-year warranty



3Shape A2 - Perfect for moving from an analogue to a digital workflow

- High accuracy of 15µm to capture all the details from the impression
- Binaural scanning in 30 seconds
- 1 binaural fixture include
- 3-year warranty



3Shape A1 - The affordable basic scanner for hearing care practices

- High accuracy of 15µm to capture all the details from the impression
- Monaural scanning in 60 seconds
- 1 monaural fixture included
- 2-year warranty

Included with all 3Shape A-scanners



Opportunities when implementing a 3Shape A-scanner

Enable the perfect fit with the 3Shape A-series Red scanners - the ultimate blend in productivity and intelligence.



Get the perfect first fit with texture scan

Ensure your modeler starts with all the details from the impression using our unique texture scan feature. It reflects the actual impression in real colour to support the easy identification and highlighting of challenging areas for special care or any changes to the impressions (e.g., patchwork). Get the perfect fit from the start to improve your customer experience and net delivery speed.



Get the best scan quality with full-automatic colour adjustment

Normally, colour in impression material can reduce scan quality if the scanner is not adjusted. 3Shape A-series scanners solve this by automatically detecting and adjusting the cameras and scan strategy to match the impression colour for each scan.



Work faster and leaner

Process many more incoming orders with the fastest binaural scanning on the market coupled with its open design enabling the fast changeover of impressions.



Let the modeler handle the impression preparation

Eliminate the hassle and time spent on preparing the impression for scanning, without trimming too much of the physical impression.



Scan custom earpieces and products

Recreate the fit your customer loves by scanning the custom earpiece, earmold, or in-the-ear hearing aid, and let your customer keep their current product whilst manufacturing the new.



Save 83% storage space by saving in HPS format

Save cost on storage space for your scanned files. 3Shape A-scanners enable you to save scans in the HIMSA scan format (.hps) to reduce storage space by more than 83% - compared with standard .stl files.

Demo of
3Shape A2
scanner



Achieve **ultimate productivity** with the 3Shape A3 scanner

The all-new 3Shape A3 sports a **binaural scan time from 16-seconds** - double the speed of other scanners.

Time spent scanning is often underestimated for its impact on your workflow efficiency. Cutting your scan time in half can mean a substantial cost and time savings annually, which in turn enables you to increase your capacity per scanner.

In fact, increased daily capacity could mean that a single 3Shape scanner is sufficient for your entire production volume.

Optimal workflow to improve scan speed

In our search to identify the most optimal workflow, we found that the most efficient organisations utilize scan time to mount the next set of impressions on a separate fixture and then do a swift exchange once the scan was done.

The 3Shape A3's scan-time from 16 seconds matches the time it takes to prepare the next set of impressions. This enables a time reduction of **30%** when compared with other scanners. To support this optimised workflow, we include an extra fixture with the purchase of an A3 scanner.

Fast just got faster with ShellManager integration

To truly achieve ultimate productivity, we optimised the scan workflow further in the 3Shape ShellManager integration by eliminating software navigation. You simply barcode scan the order to auto-start your 3Shape scanner.

With the 3Shape A3 integrated into ShellManager, time spent on scanning was improved by **45%** compared to the A2 scan time.

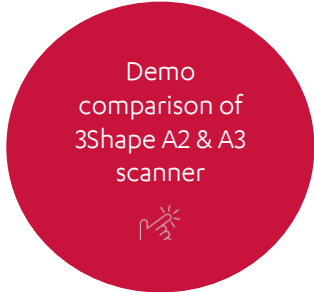
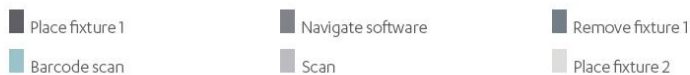
A2 scan workflow time



A3 scan workflow time



A3 scan workflow time with ShellManager



3Shape A-series Red scanner **overview**



Specification	A3	A2	A1
Accuracy	12 μ m	15 μ m	15 μ m
Binaural scan speed	16 sec	30 sec	120 sec
Number of impressions/scans	2	2	1
Output data format	STL, HPS	STL, HPS	STL, HPS
Connectivity	FTP/ file sharing	FTP/ file sharing	FTP/ file sharing
Service			
Unlimited software updates	✓	✓	✓
Installation and support	✓	✓	✓
Warranty	3 years	3 years	2 years
Free shipping on purchase	✓	-	-
Accessories			
Calibration unit	✓	✓	✓
Impression fixtures	2 binaural fixtures	1 binaural fixture	1 monaural fixture
Pre-installed mini-PC	Add-on	Add-on	Add-on

System requirements

	Processor	RAM	Disk	Graphics Card	OS
Minimum requirements	Fifth generation Intel Core i5 processors (i5-5xxx)	8GB	128GB HDD	Intel Graphics UHD 620	Windows 8 64 bit
Recommended Requirements	Eight generation Intel Core i7 processors (i7-8xxx)	8GB	128GB SSD or more	2GB nVidia GeForce DirectX11	Windows 10 64-bit

About 3Shape Audio

Building on 20 years of experience in achieving the perfect fit, 3Shape is pioneering and leading the custom hearing device and earpiece manufacturing field with hearing care professionals across the world by developing end-to-end custom audio production management solutions.

Our portfolio of 3D impression scanners and CAD/CAM software solutions for the audio industry includes the A-scanner series with market-leading accuracy and scan speed as well as design software and production management software encompassing the full production flow from scan to print.

Two graduate students founded 3Shape in Denmark in year 2000 and today, 3Shape serve customers in over 80 countries. 3Shape's products continue to challenge traditional methods, enabling the hearing care professional and manufacturers to achieve the perfect custom fit.

Why 3Shape Audio Solutions?

3D impression scanners with market leading accuracy and scan speed

Strong custom design setup with consistent outcomes securing fast and accurate designs

Tailored end-to-end production management software for continuous and sustainable operational improvements

3Shape is with you all the way

3shape 
Audio



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