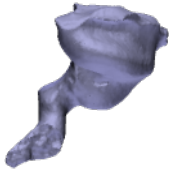


## TURNKEY EAR IMPRESSION SCANNING



**▲ 3D Live View:** Click, zoom and rotate the above model

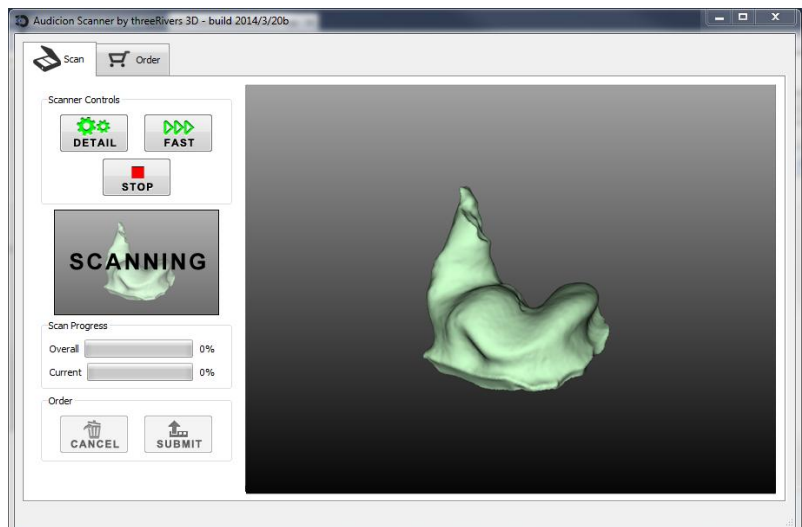
### KEY FEATURES

- **Complete Coverage** - Multi-axis positioning system scans from dozens of positions to eliminate shadowing and undercuts ensuring a hole-free model;
- **Flexible** - Select from 'Max Speed' for high throughput or 'Max Detail' for particularly complex impressions;
- **Accurate** - The A-Series uses industrial-quality laser technology for accurate 3D measurements over a wide range of materials and colors;
- **Reliable** - All 3R3D scanners are rated for hundreds of thousands of maintenance-free scans.
- **Easy to Use** - Scan process is fully automated. Simply select Scan Mode to start and 'Submit' when finished. Impression is immediately sent to the factory.

threeRivers 3D's A-series scanner provides audiologists a low-cost, easy-to-use, turnkey 3D scanner for capturing and transmitting ear impressions. The easy-to-use software is fully automated and quickly outputs a highly detailed 3D model for easy verification. Users can optimize workflow and reduce scan times by selecting one of 3 scan speed options. With a scan time as quick as two minutes, the A-series can keep up with even the busiest offices.



**▲ Save Time and Money:** Fast scan time and electronic transmission means the factory receives the impression data before the patient leaves your office. Eliminating shipping saves time and money.



**▲ Simple software:** Intuitive software is as simple as 'Scan' and 'Submit'

## SPECIFICATIONS

|                                |             | A-Series   |
|--------------------------------|-------------|--|
| Field of View                  |             | Single Impression  |
| Scan Time <sup>1</sup>         | High Speed  | < 2 minutes  |
|                                | Normal      | 3.5 minutes  |
|                                | High Detail | 5 minutes  |
| Accuracy <sup>2</sup>          |             | 25um-50um  |
| Point Spacing                  |             | 150um (0.006")   |
| Total Point Count <sup>3</sup> |             | Adjustable;<br>Typical: 100K to 400K (Raw); 80K-200K (Final) |
| Output data format             |             | STL or PLY (other formats available)                         |
| Interface                      |             | USB 2.0  |
| Operating Systems              |             | Windows® 7 or 8 64-bit                                       |
| Size                           |             | 8" x 10" x 6", 12lbm   |
| Power                          |             | 100-240VAC / 1.0A  |

1. Users can select either 'high speed', 'normal' or 'max detail' modes.
2. Accuracy is on a per scan basis
3. Actual point / polygon count a function of size of impression.

**PROUDLY MADE IN USA**



**▲Flexible Solutions:** *threeRivers 3D has a wide variety of scanning platforms to choose from including general purpose and application-specific systems.*

Founded in 2008, threeRivers3D has established itself as a leader in application-specific 3D scanners. We produce thousands of scanners annually from our Pittsburgh-PA based headquarters. Our commitment and investment in in-house manufacturing enables us to offer a range of products at industry-leading price points. Our product line includes:

- **LC-2:** laser-based, high speed structured light scanner for reverse engineering and inspection applications;
- **Virtuoso:** general purpose desktop scanner offered exclusively through Konica Minolta;
- **3DBodyView:** low-cost, 3D+color foot scanner for the manufacturer of custom fit orthotics;
- **FMX-3D:** low-cost, free-space articulating scanner for body scanning for prosthetics, braces and orthotics;
- **3D-STEM:** flexible, easily modified and re-configured 3D scanner for educational use only;
- **3D-CUSTOM:** 3R3D's flexible scanning platforms enable custom solutions ranging from multi-scanner systems to full turnkey automation.