



Device Description

The Artemis® ophthalmic ultrasound is the world's first digital eye arc-scanner.

The device is designed to provide detailed cross-sectional images of the cornea and anterior segments of the eye for diagnostic and post-surgical assessment.

Goals & Challenges

StarFish was engaged to develop an Artemis 1 prototype. This was later followed by design and pilot production of the Artemis 2.

StarFish Solution

With technical experts at Cornell University, StarFish developed the technology which included:

- Extensive human factors, industrial, electro-mechanical, electrical and software design
- Moving high-frequency ultrasound scan head, fluid interface system and system software
- Disposable patient interface

Summary Results

- Developed the technology into a marketable product
- Highly successful prototypes with 20 pre-production units in place worldwide (Artemis 1 has been running for ten years)
- New IP for client
- CE mark and FDA clearance

Build Success with the Right Device™