



Device Description

Boreal Genomics has developed the Aurora™ desktop sample preparation device that uses SCODA™ electrophoretic DNA concentration technology.

Goals & Challenges

- Develop working prototype within three months for industry event
- User-friendly, ergonomic design with minimum footprint
- Safety features to manage high voltage
- Disposable gel cartridge to be visible and easily accessible
- Reliable, manufacturable, easy to clean and attractive device

StarFish Solution

Ease of use features StarFish designed into the Aurora™ include:

- Safe, easy access for right and left handed operators
- Tool-less access to main electrode PCB for service
- Simple touch screen interface
- Camera mounting without additional wiring or fastening.
- Disposable gel cartridge setting for better sample positioning and speed

Summary Results

- Fully functional beta prototype ready for regulatory testing
- Successful demonstrations at 2009 ALA Lab Automation show in California (four months into project)
- Boreal successfully raised capital

Build Success with the Right Device™